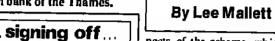
he doyen of American orchilecture, Philip Johnson, has been appointed with his pariner, John Burgee, as the architect for phase two of London Bridge City on the south bank of the Thames.



pects of the scheme, which in outline amount to 1,900sq m of recreational and leisure buildings and 15,500sq m of open space, will remain the same.

Johnson and Burgee have in mind for the 149,000sq m still

A spokesman for the com-

pany said the community as-

to be developed in phase 2.

It is likely that the commercial elements, granted in outline under a special development order in 1983, will be substantinlly revised. These include 117,000sq m of offices, 5,500sq m of retail and 3,200sq m of hi-

Auliding Design, London SEI8 Every Friday, Copyright 1986 Morgan Gramplan pic. The contents of Bullding Design are subject to reproduction in Information storage and retrieval system. Member of the Audil Bureau of Circulations. Filmest by Phoenix Typesatiling Ltd, Rutland House, 90/92 Baxter Avenue, Southendon-Sea, Essex 882 88W. Printed by Alabasiar Passings & Sons Ltd, London and Maldstone. Seglatered as a newspaper at the Post Office.

outline consent also set the height of any scheme no 57m.

Other guidelines set out in the outline consent provided that there should be a riverside walkway from Hays Dock to Tower Bridge and that an east west axis should be created through the middle of the site, reinforced in form by the buildings around it. Existing north/south routes between the river and Tooley Street should

A public park was intended for the eastern end of the site next to Tower Bridge.

Other srchitects competing with Johnson and Burgec, it is rumoured, included two more American firms and two English firms. Their names are not being revealed, but the two UK tech/light industrial space. practices could be Michael
A further 22,000sq m of Twigg Brown & Partners and

Philip Johnson - America's most

London Bridge in phase one

while the former designed buth

the Cottons building and Hays

Johnson, now 80, is Ameri-

ca's most famous architect. His

best known building, the AT&T lieadquarters in Manhattan,

features as its crowning glory s

classical, outsize, broken pedi-

Penzance project gets green light

development of Penzance Harhour and surrounding area have been given the go-nhead by Penwith District Council.

And once a final report on the area has been published by consultant architects Graham identifies the harbour Moss Associates and marine planners Wallace Evans & Partners, the council will be more than 300 jobs shortlisting developers and stem economic dele architects for the scheme.

Richard Seifert is predicting

another Ronan Point-type dis-

aster if fast-track huilding

methods are not supervised

Spenking at the annual dinner

the London chapter of the

Institute of Clerks of Works this

week, Seifert said projects which

nre given with strict deadlines

and completion dates could be

the Ronan Points of the 1990s

Funding for the proposed marine village and major leisure and retail centre will be from the public and private sectors. Penwith council will be con-

the EEC's Europeus Conran's million from governer development which museum The closure of Ga approval

£12 million coming No 811

mine earlier this year minemployment figure DETAILED planning consent area up to 24 per car. has been granted for the Conran twice the nationalism. Foundation's new design mu-

The 3,000sq m museum will form the cultural centrepiece of he 4.8ha Butler's Wharf reunless greater vigilian juvenation project which Conran Roche and Sir Terence Recent tests on the Conran are masterminding.

Ronan Point in estl The building will be the new have found evidence home for what was the Boilerdesign and bad wir house Project at the Victoris & Albert Museum, where the with joints packedvil. foundation's lease has run out. ends and tin cansing tt will house a permanent

A good clerk of se design exhibition and offer have prevented the space for temporary thematic workmaship by man shows. Study facilities and workmaship by ngah



Docklands targets for big US practices

architects is hitting the British market with four big London projects being designed by US practices and more promised.

Chicago-based Skidmore Owings & Merrill, who are working on Canary Wharf and the Bishopsgate frontage to the Broadgate scheme. have set up a London office and are recruiting Brilish

and they are all American, but they hope to expand to sround 25. with a British majority, by

but Coleman revesled that there are other jobs underway. Although it is believed there

offices - the others are in Jedda

By John Wood

RIBA. Include historians, cura-

One fear expressed by those

concerned with the collection is that the continuity essential to its

effective management could be

destroyed If, for exampla, Levar

the imminent departure of Har-

ris, if Lever left my continuity

lors and architects.

would evaporate.

and Manila — and Roger Coleman, who is in charge in London, said they hope it will become a centre for their European operations. Most of the office's work is on

were early difficulties with work permits, Coleman said the uthorities had been very helpful and there were now no

Hellmuth Obata & Kassa-baum (HOK), one of the Isrg-est American praetices, based in

Missouri and with offices in the major US cities, Riyadh and Hong Kong, is preparing the designs for the London Dome sports complex in London's Royal Docks for the Laing OM Fox consortium.

HOK's scheme includes two nsin facilities, Ron Labinski of HOK's Kansas office told BD, a 2,250sq marennandan 18,000sq m exhibition hall plua hotel and Applicants for the job, says the

The LDDC is still discussing the exact content of the scheme with Newham Council, Rabinski deseribed HOK's proposals as atill being "sehema tie" only.

US srchitects were recently appointed for another prestige project, phase two of Landon Following last year's depart- designed by America's most ure of Margaret Richardson to famous living architect, Philip the Sir John Soana museum, and Johnson and John Burgee. They won the commission

other American and two British

Classical market plan unveiled

LEON Krier this week revealed his low-density classical master-

Roschaugh Stanhope, the cheme consists of "traditionalbuilt" sliops, offices and houses as well as several classical public buildings around a entra) squure.

A representative from Tower Hamlets remained uncommitted but described the project as a "very interesting contribution to the debate" that now sees Krier pitted against rival pro-posals from Richard MacCormac with Fitzroy Robinson and one forthcoming from Seifert.

Stanhope, Stuart Lipton's private property company, could be flonted on the Stock Exchange within the next few

However, some market ob-servers think it more likely that Lipton will reverse Stsnhope into another company and obtain his Stock Exchange

quotation in that manner. Estimates value Stanhope at around £100 million. Krier designs page 2

Beeb awards

THE BBC is to launch a new design award scheme, including a category for architects. The nwards are intended to involve the public, snd will be launched on BBC2 on Wednesday, Nov-

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Institute interviews eight for Drawings Collection job

Collection, including Jill Lever,

Harris' eurrent depuly.
Il is thought the incredibly low

aalary of between £13,500 and

move the collection to Portland

Place have deterred sevaral

people who might otherwise have applied — noisbly Professor J Mordaunt Crook, professor of

architectural history at London Univarsity.

RIBA president Larry Rolland has repealed his condemnation of "domestic squabbling" over the battle for his successor. THE RIBA bas laterylewed eight He was addressing more than applicants for John Harris' jobns curator of the RIBA's Drawings

500 members at the annual dinner of the West Midisnds region in Birmingham on Tuesday night.
Rolland said: "I guess the £16,500 a year, coupled with opposition to the RIBA's plans to

world looks to the RIBA for four or five months every two years to provide this righly comic entertainment. Issues are trivialised and distorted beyond recogniilon. Wild and damaging claims are being made that I deplore." Andrews atlacks Hackney -

INDEX

Hospitaltreatment pages 26-3(

TEMPORARY ARCHITECTS/ ASSISTANTS/ **TECHNICIANS**

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with seminars and lectures, and

eventually the foundation hopes

to be able to offer facilities for

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film and television production

foundation has plans for

design study centre, operated with the Royal College of Art, to

provide high-level courses for

nessmen and students.

lesigners, manufacturers, busi-

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mortar specific

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Borough of Eastleigh

SEPTIC TANKS

Fox have recently been com-

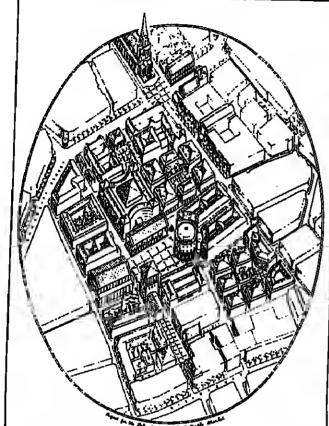
Clark Tribble Harris & Li are

also seeking British money, but

on the Unlisted Securities

towers at Canary Wharf.

View across Artillery Square tawards the botel and museum tower.



Axonometric view; five car parks are below the major buildings.



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architect/master planner Leon position and detail. Krier, and developers Stuart lipton and Godfrey Bradman of Rosehaugh Stanhope.

SPECIFY: PERFORMANCE-GUARANTEED

THE second redevelopment

proposal for Spitalfields Market

cast of the City of London was

unveiled this week by the (on the

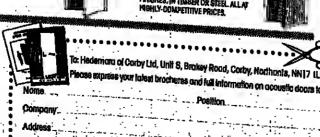
face of it) unlikely team of

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Conservation classic The acheme is in marked which the site lies, bordered by

contrast to the one proposed by three conservation areas. Riehard MocCormac with Fitz-The mixed development -45 roy Robinson, not only in height and density, but also in comper cent nffices, 45 per cent housing and 10 per cent shopping/industrial - is consistent Krier sees the opportunity to with the "visionery" brief prepared by Tower Hamlets. It re-establish the community of Spitolfields West at the heart of incorporates n central focus, Arilllery Squore, with o hotel, ossembly hall, domed denling hall and Huguenot Museum tower to commemorate the French immigrant founders of

> Monotony and uniformity are evoided by distributing the functions across the site like a cheekerboard, alternating funeions and building types to give nterest and variety. Only the public buildings are allowed to exceed the self-imposed fivefloor height limit.

Krier has Indicated that architects such as Robert Adam, Abdcl Wahed El Wakil, Demetri Porphyrios, Jaquelin Robert-son, John Simpson and Quinlan on architecture and bas F. ntrusted with I created the structure detailed design of the buildings, "without exception champions of active historic conservation".

Lipton and Bradman see the scheme as financially viable, despite its comparatively low density, because the attractive satting would command high rents, though its profitability would ultimately depend on obtaining the site for rather less than the £150 million overall

offer from rival developer LET. The masterplan looks likely to receive widespread support from community and conservation groups, and its faithful implementation would be a true and where the desire to not together with others has come the fore for the first time signs in the state of t lest of developers who see themselves as "eustodians for future generations".

Ian Latham

Students Good news Combine for Carby Mosque conversion fuels on new

THE first stage of a £400 million "leisure city" in Corby, Northants, looks set to go ahead after the developers Wonderworld secured a £47 million loan this

THE third National and

ural Students Association

erence was held last and

the Polytechnic of fiel

Bank, writes Huw Thomas

With a paid-up ments

now standing at more dur-students, NASA is the rese

mouthplece of student of Formed in direct race

roposais forcutsinardita

ducation, and in particular dosure of the Hudders

North-East London Pale

iles, NASA hasoow more

new phase. Although sund

al the conference was diag

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of the 36 existant school

ed took part in eoergeich

hop discussions on topics pul forwards as modes conference. Topics mide & sloo ranged from eded

ottitudes towards the distile NASA's respose to the Architects Against April and Architects for Perce. The topics discussed by sliops were later informed expanded by a talk from b

expanded by a talk from a Stansfield Smith. Taking conference lille, "Educate the present system relevate chonging profession" in phrond personal view as potential role of the architect.

how this is changing in mi

fleo llons this should be by

the schools. The easing

them to express their iketal ideal educational system is call coming for a relativity Port I courses, alleving

One of the main propose

before the conference un

ecutive from a national forming regional base. With the is

dellon of five main ares

debutes will now be takenbel

more local footing in an airc to forge strong links been neighbouring students. The

importance of reforging is

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In recognising the oes sin

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schools and staff together

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schools. The altitude that with the dismembering distance in SAC where no group was the lo another should nest

lication Martality and arch

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The NASA conference

small but realistle gathering has put forwards valuable in

nitiative.

of architecture as a power

taken It upon themse

ference also recognis

the schools, and eccourage

A spokeswoman for the company said it was confident that the rest of the £150 million needed for the first stage would be secured and that it would be open in 1989.

Derek Walker Associates have produced the outline plan for the scheme, which wos conceived 14 years ago and researched since 1981. They have already produced detailed designs for the first stage.

But a spokesman for the orchitects said they expected additional practices would be needed for further stages of the project, which will take 10 years to build and cover 400ha.

leisure plan THE first stage of a £400 million Church exemption row

alterations to a Spltalfields nosque by Georgian Group secretary Roger While has been described as Irresponsible and misguided by the project's engineer.

In a letter circulated to a number of MPs, including William Waldegrave at the DoE, English Heritage chairman Lord Montagu and other conservation bodies, White attacked work being carried out on a mosque at the corner of Brick Lane and Fournier Street

in London's East End. The Grade II listed huilding has served successive ethnic groups in the area starting life as Huguenot meeting place in 1743, becoming a centre for the

synagogue and most recently a White claimed the building had been "almost gutted", that

By John Wood

it was impossible to find our what the proprietors' plans were, and that one of the most important interiors in Spital-fields had been lost.

He described it as one of the most outrageous exploitations of ecclesiastical exemption in recent times and called on Tower Hamlets council to turn down the planning application

The work involves raising and

conversion of Jews to Christian-ity, a Methodist chapel, a gallety. Woodwork has been carried out, but the engineers. Associated Consulting Lingineers, intend to re-use as much as

In addition, parts of the

woodwork are not original, aving heen replaced after a lire in 19Jit. And English Heritage, which has been monitoring the work, is using some of the oak heams in its restoration work at lampton Court. A spokesman for the en-

gineers, Gulzar Ahmed, suid: "White obviously looked at the work at the worst possible time and jumped to conclusions". An unrependant White con-

eeded "that perhaps more could be said for the mosque's side of

sant in his letter, and added. "I would definitely not have been allowed in a secular building".

A spokesman for lenglish Heritage said the proposed changes in the Housing & Planning Bill did not go as far as they wanted and that they would continue to press for ecclesias tical exemption to be enited.

Ken Powell, secretary of Save described the Church of lingland's Faculty Jurisdiction Connuission, which deals with working churches, as a gredieval relic. He said Sare was in Javian of the abolition of exemption.

The Victorian Society has called for the faculty juri seliction mensure to be updated so that secular hodies as well as parishioners can give evidence.

| Camden try **Centre Point** purchase

CAMIDEN council is anomating a second attempt to purchase compulsorily the 36 marsonettes in Centre Bant, the controversial office fower in London's West End designed by Sciteri and developed by Harry Hyams. According to Canaden councal the maisoneties have hardly been used since the complex was completed in 1967. Only for a short time were the 2-bedroom thats available for holiday lets.

The council is taking adrantage of the Local Govern-ment Miscellaneous Provisions Act, 1976 which amended conncils' cpo powers allowing them to also acquire rights of wayover adjacent property.

A previous attempt to pur-chase the flats in 1974 failed because the council needed rights of way overadjacent parts of the complex but could not compulsorily acquire them.



The Manchester-based John Strunton Parinership have designed a £14.. militoo housing project for Regalian to be built on rectained land in London's

Named Western Dock 2, the development comprises four crescent blocks, each around a courtyard which will provide 313 homes.

Leicester Square proposals under fire

ENGLISH Heritage has recomrestructuring of the NASA mended that the latest proposals for improving Leicester Square

Four schemes were unveiled by Westminster City Council last month as part of its plans to "improve the West End en-

English Heritage soys the removal of the square's garden - as suggested in two of the four schemes — "would remove the one surviving agreeable element from the scene"

Instead it suggests that the garden be restored, based on the original loyout by the 19th century landscape gardener,

This would give prominence to the five listed items on the site, the Shokespeare fountain, and the busts of Reynolds, Hunter, Hogarth and Newton, soys English Hentage.

The officers' report - due to be discussed of this week's meeling of the London Advisory Committee - says that Leicester Square has a character offord to lose".

scheme be drawn up, poying ottention to the success of Covent Garden, where high quality moterials and trad-

Westminster has niready withdrawn earlier plans to improve the square because they were "too lacklustre".

Picketing Royalty

PRINCE Charles may hove to eross a picket line at the "Bullding Communities" con-ference on November 28 at London's Astoria Theatre. A tenants group is threatening to boycott the event because of ment as moin sponsor.



Cascades over the dam

After eight years and two public inquiries, Tripe & Wakebam Partnership's £43 million Cascades shopping centre in Portsmouth is going ahead.

Taylor Woodrow Property has signed an agreement with Portsmouth City Council to develop the 24,750sq meentre, it will stand next to the award winning, but ultimately disastrous, Tricorn centre designed by Owen Luder and built in 1965.

The intorior is intended to be airy and inviting, everything the harsh concrete Tricorn was not, with mails leading off a covered centre. It will bouse more than 50 shops and a food ball and provide parking for 600 cars.



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Clauston, sees British gorden festivals as exhibitions with little permanent value to the community. This was revealed at the Urban Design Group's evening talk and discussion last week,

writes Philip Cave. Jo Samworth, design coordinator for the Stoke-on-Trent Garden Festival, sees them as rejuvenotors, at loost as far as Stoke is concerned.

Clouston favours the German model of reclaiming dereliet land ond learing a substrintial purt as park with a small proportion for redevelopment. He sees little problem with the nianogement of large areas of parkland in our cities if minintenance regimes ore changed to manage more natural lond-

With the British model of creating "exhibitions" with on after-use of predominantly industry or housing, the infrastructure costs of rosds and services are very high, in fact five or six times more costly than reclaiming for amenity ofter-

Samworth confirmed this with Stoke where it was recently revealed that o large part of the site may be retained as a park. The result was that a costly infrastructure of roads and services, already put in and buried, may never be uncovered on part of the site.

If the formul gordens and lake at Stoke do remain as a public park, the percentage of per-manent facilities ereated looks promising: 4.5hn of permanent park including marina, 18 houses and the pub; 20ha of woodland ridge. This would leave only 12he for redevelop-

Liverpool was left with no after-use when the city council withdrew its agreement to manoge it as a park. Part wns then turned into a theme park. but the operators have now gone into liquidation, leaving its future in question. It seems incredible that so little forward pinnning has gone into our

gronled this week for parl of Canary Wharf outside the enterprise zone in London's

Complaints over traffic

has predicted traffic chaos if the massive development plan for Canary Wharf goes ahead.

Independent assessments for the Tower Hamlets Environment Trust elalm that drivers will be in a troffle jom for up to 90 minutes every day.

The THET report examines one major junetion — the Cotton Street/East India dock Road Intersection. Using the London Docklands Derelopment Corporation's figures for likely traffic flows resulting from the levelopment, the report ahows that drivers would be waiting up to 90 minutes to get along the A13 or lesve the Isle of Dogs ot peak

Road widening and junction improvement could just move the problem elsewhere, the trust said, Although the LDDC is proposing to double the size of the Docklands Light Railway to service Canary Wharf, this would not be enough.

"If the Docklands Light Rullway does not have the copacity to take the projecter nerease in people or if the LDDC's figures are under-esti-sled, then the situation could be far worse," the Irust said.

Trust plenning officer, Lorraine Hart, snid: "We are extremely concerned that the eorporation bas not considered the offects or practically of what they and the Canary Wharf Coasortlum are proposing."

Faculty o

Getting to grips with garden to get Ridley scrutiny Canary Wharf offshoot to get Ridley scrutiny

Docklands - pending approvai from the environment

The London Docklands De-

By Alan Thompson million sq m banking ond commercial centre proposed for the Isle of Dogs.
The LDDC will now refer the application, which is part out-

> environment secretary as the scheme is a major departure from the Tower Homlets borough plsn. If it is not called in for a public

ferry Circus development which comprises 127,000sq m of offices, 6,700sq m of commercial space, a 48,050sq m notel and major traffic interchange to serve the massive l

But local pressure group Docklonds Forum will be asking the DoE to call in the scheme. A spokesman for the group said: "We are writing to Nicholas Ridley and our Mrs will be raising the issue in the Houses of Parliament."

Main objections are the size development, traffic implient- call the application in. ions for the area ond the fact that the LDDC has pushed the application through without a line and part detailed, to the

the objectors and expressed concern at the scale of the proposal, planned demolition of listed buildings, and the implications for the rest of the Isle of

English Heritage has joined

Tower Hamlets is known to have reservations about the plan but has not come out strongly against it for fear of losing the Canary Wharf development and the massive income it would

Other buroughs sharing boundaries with Tower Flamlets have asked to be consulted and and scale of the proposed Southwork has urged Ridley to

Duo debate

TICKETS are still available for the Welsh presidential debate between Raymond Andrews and Rod Huckneyon November 13 in Cardill.

Don Snow, 0222-561124.

Martin Bradsha, April West York-ning chief, as its real

Braishaw, whee West Yorkshire in politan county of established in 1916 its structure piet recame director de the late 1970s. le succeeds Mich

ton, who has work trust since Dans established it in 1801 ist on Picture Pon! House & Garden

Bradsliaw nas de Development Cupa



Further information from Christopher Beneral Chairman of Banes Completion is expected within 83 weeks, by May 1988.

successful combination

CAG demands incentives for inner city home development

Architecture Group has urged the Government to offer cash incentives for househuilders in derelap laner ellles sites,

CAG will attempt to prove that substantial long-term sav-ings can be made by employing community architects on rge-senle inner city scheines. It has cited muintenance,

rolleing and social services as

Any combination boiler can come with the offer

completed many thousands of successful

ers in the form of a grant. To prove its point CAG has

launched its own study into the

cost-effectiveness of community The RIHA sponsored-study will be funded from a £10,000 increase in CAG's budget, which it expects to be confirmed

CAG spokesman lan Finlay udmitted community archiofessional time, but said the ong-term benefits, including a happier local community should be considered.

at the November council meet

A separate study into the group's current fee scale is also being carried ont.

demanding on the nrchiteet's time, fees should be adjusted

aceordingly.
Finlay said community archi teets are foregoing their own fees to support clients, and many are

Meonwhile the group has stracked comments made last week by RIBA public affairs director David Atwell, follow. ing Prince Charles' speech to the

was not fully informed of the situation which made developing green-field sites problem-

atic.
"There is a major role for architects to work with local communities which the RIBA stress that the RIBA membership can play a major role in these areas if funding is un-

Surveyors |in regional policy call

scheines in England has been crinesed by the Royal Institution of Chartered Surveyors.

In a report, Regional Policie A Fresh Approach, it has called on the Covernment to Streamline the system by creating a single structure for each region on the same lines as the Scottish and

Welsh development agencies. It suggests that eight English regional agencies should be formed with a Cabinet minister responsible overall and junior ministers for each region.

Landmark

APPLICATIONS for a change of use for County Hall have been submitted to Lambeth council. The new owner of the building - the London Residuary

Bndy (LRB) - has been edvised

by estate agents Richard Ellis. The applications seek permis sion for County Hall to be turned into an hotel, or offices "for any purpose".

Lumbeth said the applications will be dealt with in the normal way. It has eight weeks in which to make the decision.

Lutyens House permission

PROPOSALS for refurbishment and internal reconstruction of Lutyens House have been given planning permission and listed building consent by the City of London, subject to

approval by English Heritage. The plans by William Nimmo & Partners for Grey coat include the repositioning of the boardroom in the basement of the Grade II listed building allow-

| Shop talk

THE refur bishment of shopping eentres is the subject of "New Shops for Old", a one-day conference at the RIBA on November 26. Details 01-580

Russian guests on the future for our cities

AN Anglo-Soviet nrehltectural forum will be held at the Polytechnio of Central London on November 22.

Sponsored by the Society for Culturol Relations with the USSR, its theme will be the city in the USSR and the UK.

Twenty leading Soviet architects will show examples of their work in town centre develop-

ment and it is hoped British architects will make a similor

An exhibition on the restoretion of town centres in the USSR will nlso run from the date of the forum until December 13 in the Further details can be ob-

tained from SCR, 320 Brixton Road, London SW9 6AB. Tel:

Redesign for Wrightian **New York monument**

NEW York architoels Gwathmey lobbying. Singel & Associales are to redesign lheir proposed extension to Frank Lloyd Wright's Goggenheim Museum (see BD September 2015) suggested it should be, but on the annexe behind the museum and ber 12).

This follows recent consant by IhaNew York Board of Stendards open" ponding revisions.

unlikely as n result of influential Yaar.

with substantially reduced im-With the next BSA hearing

& Appeals to "keep the record scheduled for March 3 and with pen¹ ponding revisions.

Approval of the original plons

60 days required for review by the local authority board, Gwnibmay for a Inreceantilavered block over Siegel will have to completa the smollor rolunda looked design rovisions before the Naw

The leasused part of our Cabi boiler.



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Hackney has already said that

major changes are on the way if

he gets elected. He is particularly

By Alan Thompson

keen on reversing plons to bring the Drawings Collection back to Portland Place, the reinstate-

ment of John Harris at the

Twelve Glasgow blocks fail to meet blast standards

hullt lower blocks in Glasgow sarily correspond" with that nced sirengthening to bring them up to the Government's minimum pressure loading slandard of 17kN per sq m.

And three 25-storey Reema blocks in Royston liave been lahelled as a major fire risk hy tenants because of gaps between floors and walls and the presence of polyurethane foam in new metal cladding around the

Two 13-slorey Reema blocks in Cambuslung atill have piped gas in them and tenants fear they will not withstand a 34kN per sq

Glasgow's high-rise housing stock of 44 towers was cheeked by local engineering consultants W A Fairhurst & Partners following the Ronan Point disaster in 1968. All were passed

Fairhurst's based many of their conclusions on detailed drawings which showed how the structure should have been

But recent testa have found that the actual work in joints on

shown in the detailed drawings. Secret reports given to the council by Fairhurst's on Feb-

By BD Reporter

to withstand wind loadings.

Maryhill B — evidence was

loading of 49 per cent above normal permissible stresses;

nbout four estates:

Fairhurst's gave warnings

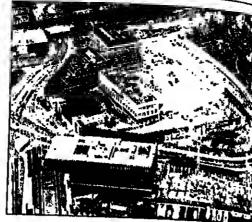
authorities should check system-built blocks. ruary 17, 1969 revealed serious A spokesman told BD the council was planning to stren-gthen all blocks below 17kN per sq m. Work is due to start in nuisgivings about the long-term ability of many Glasgow blocks January next year and the first phase for the blocks should be complete in March, with phase Il for the remaining five blocks

following soon afterwarda.

rise stock for the last two years following DoE and Scottish

Office directives that local





The Royal Mint with the hole

progress, architects RMJM are working on the final details of the listed Seamen's Registery, on the northern side of the

The current scheme tums the registery, designed by James Johnson as dwellings for officers of the Mint, into

speculative offices.

The interior of the building will be gutted, says RAIJAI, with only the northern and eastern walls retained.

The registery, along with other listed structures on the site, including the original walls, two entrance lodges and cost-iron lamp standords, all need listed building consent from English Heritage before demolition can take place.

heblind the Johnson Smirke bollding hele-jub of incorporating parts of o idiferent abbey, uncovered during the recentescentisk company CES for the four structure.

The Museum of London, which having everything, says the abbey remains an d'ai high quolity". Sixteenth century bick from Death cemetery, used by the city authorised Bubonic Plague, have also come to light Furnicomplete in 1988.

LONDON Docklands Development Corporation chief executive Reg Ward will be strapping on his skis this weekend to open the Heckton Alp dry ski slope which has just won a £141,000 nrban develop-

The London Borough of Newham applied for the development grant to transform the huge pile of earth north of London's Royal Docks.

Director Michael Jackson

Jackson explanata later thate a chaleted describes outer estates. chibhonse, designal They receive "little in the way minusworth architect of government financial sup-& Skillon will beade port, and suffer more depriva Its facilities will: tion than the already identified restaurant and base and funded inner-city areas"

arca, skishop, trade argues Brady. The aim of the conference is to Tutal cost of thesis cluding the developer estates and to try to secure more

Roche joins RIBA battle dential running mate Fred Roche has joined the electioneering campaign and outlined the RIBA's plans to reorgan-

se the institute. He confirmed that the comsanies would be moving out of Portland Place within 12 months opposed to inner-city estates, and that a new post of a second will take place on Thursday deputy secretary would be

November 27 in London. Glasgow, Hull, Knowsley council.

Glasgow, Hull, Knowsley and Middlesbrough councils are organising the conference Sheppard Rubson, responsible for the Speakers include MPs Michael

councils showed that their outer estates have suffered disproportionately from the decline of manufacturing and construction industrics, and have not fully benefited from Governmeni urban programmes or special employment measures.

"State dependent, isolated levelopment planned by the ROH is not an communities with no infrastrueappropriate way" to raise funds for the building's ture, environment or services" ovement and extension. On top of this the ROH will also be fund raising for a further £23 million, representing the gap four council steering groups, between the money from the office development

and the actual cost of the improvements. CGCA's appeal is aimed at developers They receive "little in the way particularly those who have been active in the area - institutions and the public. A national lottery, which is illegal in Britain, has also been auggested

aunched a "selective appeal" to "shame" the

created to replace the post of director of public affairs follow-

Roche recently came out in

favour of Andrews arguing that RIBA, a new marketing plan for

ing David Åtwell's departure.

as a way of raising funds. CGCA claims that the intention behind its appeal is to prove to the ROH that commercial evelopment is unnecessary.

The association's John Toomey said: "The Opera House has had years to raise money for

Appeal to 'shame' Opera plan He said the Government gave the land — roughly I lia — to the ROH for cultural uses, not

the RIBA secretariat.

radical plan.

rcorganisation was necessary

for the institute if it was to

Hackney is considered to be

more extreme than Andrews

and has promised radical chan-

ges which is what some pundit

RIBA's Public Alfairs Commit-

Roche, the chairman of the

outlined achievements so

claim the RIBA needs.

remain effective over the coming

decade but that this was not

within 12 mionths.

Brooks in 1984.

£90 million proposals, designed by Jeremy Dixon. Toomey also said the proposals go against the The association claims the £40 million office Covent Garden Action Plan, a statutory document that restricts large-scale office lopment in the area.

The CGCA is also critical that no mention made of a second auditorium, provision for the Royal Ballet School and housing accommodation for staff — all itema, it says, which were originally deemed necessary. Demolition of listed buildings, including the Floral Hall, is also opposed.

A spokesman for the ROH said fundraising would begin only after planning consent has been given by Weatminster council.

He said: "If we get planning permission and public support, on that platform we'll go to some those people had already been earefully

Place are well advanced. The

building should he vacoted and a policy for continued professional development is

• The executive is being strengthened by the creation of a • The RIBA has created its new post of deputy secretary to own professional indemnity compliment the appointment of insurance company with the income heing ploughed back Plans to change Portland

Place into an architecture centre Roche also predicted that the Drawings Collection will return Additional resources have heen provided for the regions

to Portland Place if the British Architectural Library Trust can and there are plans to increase raise the necessary finance.



New on the brasserie scene is Cafa Maxim's, a less formel neighbour to the pstoirs Moxim's de Paris restouront, in London's West End. The original dark, opulent interior has beeo stripped out end reploced wilb

Fitch, who were respossible for the three-month design retbink, hos tried to bleed old with new, retaining the original oil-painted murols and woll mirrors,

while introducing a black steol canopy over the entrance and a modern "brasserie stylo" bar.

A modern lighting system by Lito, which bounces light off an loternal mirror and onto the paintings, and e oow lighting grid emphasise the space of the room, wilb copacity for 126 covers. Matt block squore tobles, commissioned by Fitch, with matching chairs, ond

found of overstressing on wind

● Royston B — overstreasing of 67 per cent above normal the South-east is facing its own permissible stresses for dead and Big Bang over the next five ● Springburn A & B - severe

cracks in walls on a scale that could nlarm occupants could Fairhurst's were unable to recommend any method of

Glasgow City Council has been involved in lests on its high-

projects alone account for 42 pcr eent. In Docklands six schemes years, say quantity surveyors Gardiner & Theobald. make up almost 90 per cent of a projected £5.2 billion total.

Thirteen major projects are planned for the South-east. Stansted airport and the new Dartford bridge will cost £490 which will help boost turnover million while the budget for the in the region to £2 billion a year Eurotunnel currently stands at - or 20 per cent of the £10 billion annual turnover predicted for the industry as n whole. Big Bang office projects

and are completed in the next five years, the industry is bound already planned for the City will

If all these projects go ahead.

filness centre.

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Work bas just started on this 700sq m two-storey retail scheme in Colebester, designed for Burton Property Trust by Geoffrey Reid Associates, who were recently acquired by the McCott Wheatley Group.

The elay roof tiles are bandmade, while red and buff stock bricks with stone have been used to make sure the building blends in with the rest of Colchester's

New town profits

THE sale of property in new towns has pulled in more than £500 million for the Govern-

The Commission for New Towns (CNT) says in its annual report that the remaining assets are worth £721 million - and this excludes the assets of Basildon Development Corporation, which were tronsferred to the CNT on April 1.

Total sales during the last financial year amounted to £93.7 million — almost £17 million over the target of £77 million — and a further £75 million's worth of sales have been agreed. In this financial year £20 million's worth have aiready been completed.

Enter 6 ON EXPRESS

'Fact trip' council row

A ROW has broken out on Bracknell District Council nfter an architect competing to design n leisure pool organised a fact-finding trip to Germany for three councillors and four

Some councillors were concerned that the trip was not authorised in advance by the finance committee, and one complained that the trip could be seen as an inducement.

But Peter Sargent of Sargeni & Potinadis was unrepentant. He pointed out that ratepayers had poid for the councillors' trip and said his practice usually organised foct-finding visits for both commercial and local

given planning permission for the £90 million development of the city's Kirkgale market designed by Building Design

But the Market Traders Association is to contest the decision in the High Court and is calling for a judicial review of the way the council reached its

The council approved Dutch developer MAB's plans subject o more than 50 conditions including some design modifi-

But the traders have said they are totally dissatisfied with the manner in which planning applications had been pro-

Their solicitors claimed the proposed development constilutes n departure from the central business area development plan. The council has warned that a

ings could seriously delay the

DON'TRISK IT.

udicial review of the proceed-

LEEDS City Council has five-storey development with π new covered market hall adjoining the existing 1904 market, a new two-storey covered shopp-ing mall with 143 units including

By Alan Thompson

for market scheme

two department stores and food court, multi-screen einema, children's play area, covered bus station, parking for 2,000 cars and 1,450sq m of offices and ancillary development. BDP's plans have gone thr-

The controversial scheme for developers Speciality Shops will turn the 1860 Cuthbert Brodrick building into a 2,000sq m ough several revisions to accomretail centre adjoining Kirkmodate public criticism of the gate markel.

ping centre.

scheme since it was ladged with

site next year. The completion

Alsop Burnet & Lyalt have

been invited by Leeds coun-

cillors to apply for planning

permission for their plans to

turn the Gride I listed Corn

Exchange building into a shop-

For further details on the

contact James Clifton, Wy-

bridgeshire County Cnuneil

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date is estimated to be 1992.

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the council hist summer.

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Title_

THE East of England Branch of lobby?" asks the association. the Association of Conservation Officers is holding a one-day conference in Cambridge 10 look at ways of beating red tape that can ruin allerations and improvements to historic build-

ings.
Is Parliament conspiring MAB's scheme includes a against the conservation

on Elswick scheme HOLDER & Mathies p

redevelop 28haofvacant Elswick in Newcastle major retail, leisure and ness complex looks like start on site next yeur months of uncertainty.

The scheme's future her in doubt since early lag: when total construction pany Brims pulled out Newcastle City Council

ed to act as financial bade developer Dyssn Dag ents, but it has only to scaled the deal. Plans for the site on the b of the Tyne include a & M.

food superstore, garden at and DIY store, along to 40,000so m technology ba centre and riverside villes Separate negoliation inder way to build a to lcistife centre together se

3,500-seut stadium, ice nit. onthall pitch. Newcastle council is out. astic ubnut the developer despite competition from own Eldon Square centre.

conference, to he held on Saturdny, November 22 at Si Senior councillors b John's College, Cumbridge, pninted out that derelials grants of £1.8 million h combe district council (0494) already been spent on their 26100, or John Preston, Camencourage developments of kind which should have to ficial spin-offs for the city.

Newcastle Building on our seals deal communities

THE conference success story would not have happened if the initiative had remained within the RIBA. The Community Architeclure Group had already determined that the event should take place elsewhere in order to underline the multi-disciplinary approach

essential to much work in the field and so as not to antagonise keyorganisations known to be suspicious of the motives of a professional

The departure of the main conference to the Astoria Theatre under the glare of television lights provides CAG with an noportunity to realfirm its position as a serious forum for discussion. On Salurday November 29, the group is hosting number of workshops at the

RIBA, the object of which is to consider some practical aspects of the issues raised at the main conference. The workshops will be recorded with a view to publication. They will be for delegates at "Building Communities" whose reaction to the

packaged agenda is to want to keep talking, but they are also open to anyone else, and they are free. These are the six topics the workshops will tackle, introduced by the members of CAG

Large-scale community projects, chaired by Ben Derbyshire

who have elected to chair them:

Most community projects are small and the largest ones lend to involve only one use, particularly housing. This workshop aims to explore the mechanisms that might permit the community living and working nearby to become involved in, and benefit more directly from, themajor developments taking place in towns and cities. Issues such as mixed use, diversity, planning legislation, the ability of communities to organise and the motives and constraints o people with real experience of the field who will be present to give their

Architects as advocates, chaired by Ion Finlay

Rapidly growing numbers of people are now wanting a say in how their local environment is shaped and an emerging number of architects are working with groups helping to provide the professional know-how and solvice to back up their ideas.

In the past community groups have often been galvanised into

action by the plans of local nuthor-lies which they oppose.

It has been shown that commun-ity architects and local people are able to work together to orchestrate a well-reasoned and articulate campaign, win over opposition and achieve results which see local wishes satisfied. Architeets working in this way need new skills and this workshop will seek to examine what expertise is required. Inn Finlay worked with Rod

Hackney as job architect for the Black Road GIA No 2 in Macclesfield, Britain's second self-help housing scheme. Subsequently, as founder member of Design Cooperative, he has been involved in a variety of community based projects in Manchester. For the last five years he has been chairman of the RIBA nmunity Architecture Group.

Can local authorities practice community architecture? chaired by Douglas Smith

Msny local authorities dismiss the practice of community architecture, either because they believe that their elected representatives effectively represent the community, or by contrast, because they believe that the community's needs can never be mat within the local authorities' organisational and collision frame. organisational and political frame-

The RIBA's Community Architecture Group has organised a one-day seminar on November 29 to round off the

"Building Communities" conference. Ben Derbyshire explains the background.

work. Many authorities are never theless trying to improve their services or by employing consultant

The workshop will try to assess the value of these approache discuss the nature and value of tenont and user participation, how and how tocal authorities can

Douglas Smith worked for fiv Douglas Smilh worked for live years with the London Borough of Camden, spent one year researching at the Unit for Architectural Studies at UCL before working at the Terry Farrell Partnership. He now is a partner in Lazenby & Smith Architects where he has recently completed the community architecture project at Martlett Court, Covent Oarden, for the City of Westminster.

Rural communities - the forgotten areas, chaired by Robert Poynton

Rural communities are under recreation, industry, services and transport. Against this context the workshop will confine itself to the question of building under the headings of housing, village halls and workshops, looking at the present situation and prospects fo

the future.

Robert Poynton is a partner of Poynton Bradbury Associates in St. Ives, Cornwall. He has been involved. volved in a number of job creation

How should the RIBA respond to the problems of the Inner citles? chaired by Pat Tindale

This workshop provides a valuable opportunity for those involved in building communities to tell the RtBA what they think the profession should be doing about innercity problems. What can the RtBA learn from the experience of com-

munity architects?

Pat Tindate is a member of the RIBA's inner cities committee, having recently retired from the post of chief architect at the DoE, where she was very involved with govern ment initiatives such as the Com-munity Projects Fund and architectural workshops.

Architectural education must respond to a changing environment, chaired by Robin Nicholson

The growth of community action requires more and more appro-priotely trained architects. The enabling architect may be the principal designer or may provide technical aid, working with the users and other professionals.

Coupled with the present low standard of architectural product, it seems that change in our schools is

seems that change in our schools i

seems that change in our schools is needed urgently.

The workshop will try to draw on past experience and put together a programme for the future.

Robin Nicholson worked with Ted Cullinan and Mungo Smith to develop the Lambeth Community Care Centre in an extensive programme of consultative design. He has taught in several schools and explored a number of community projects.

Building Communities tickets from CAIS, 5 Dryden Street, Covent Garden, London WC2E9NW, 01-240 2430. Details of the CAG workshops are available from Stella Yarrow, Community Architecture Office, 1914 6 Postland Place, London RIBA, 66 Portland Place, London WIN 4AD, 01-580 5533.

Infill

Charles gets it right

WIIEN the future King of England made his notorious speech at Hampton Court during the Festival of Architecture, our verdiet was: two cheers for the Prince. As far as his views on the inner city versus green belt are concerned, the verdlet must be: three cheers. The Government has already expressed concern about the Impact of major new shopping centre proposals in green belt areas; so for it has studiously avoided making any similar comment about residential development, of which half a dozen of massive scale have recently been announced in the South-east. Mr Ridley seems to be on the side of the laissez-faire developers, Mr. Woldegrave making the running for the green/country landowners lobby. Those who oppose green belt development make strange bedfellows, but they are powerful. They represent the mythic radition of the Englishman being n countryman at heart — kill the country-

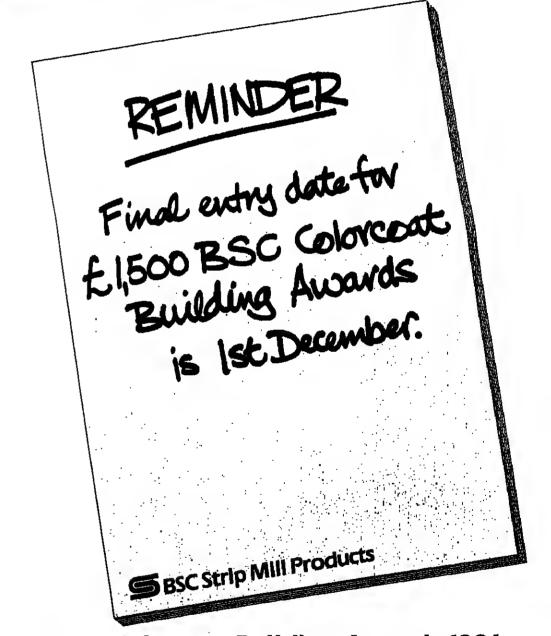
side and you kill the nation. When you look at the steady growth of suburban development into the countryside round London, you could Imagine that this has already happened. From Southend to Reading it is development all the way.

Of euurse there are powerful forces in favour of out-of-town development. On the one hand there is the housebuilding lobby itself, which has lugical reasons for lis belief that the only way it can operate conomically is to get outside cities, with their problems of scale, access, planning ond lond price. These enumercial factors are then reinforced by people like the Town & Country Planning Association, whose dislike (perhaps featr) of what eltles represent has kept them busy encouraging the withdrawni of the lifeblood of London, in particular, for decades. And finally there are those politicians who regard planning itself as n !rick played upon the poor, to mnke sure

The Editor's Comment

that it is only the wealthy who can afford to live in the country. Hence the burning

of "second homes" in Wales. But there are compelling arguments in fovour of inner city development which are supported by the hnusebuilders themselves - and if the Prince of Wales is to be eritleised it is over his failure to eongratulate a number of builders, such ns Burratt and Lovell, for the ploneering work they are doing in deprived urban nreas. People will choose to live in the city if the housing is decent, available, and affordable. This is not something that can be brought about by housebuilders alone. The Prince's real message was not to the builders, but to the politicians.



BSC Colorcoat Building Awards 1986

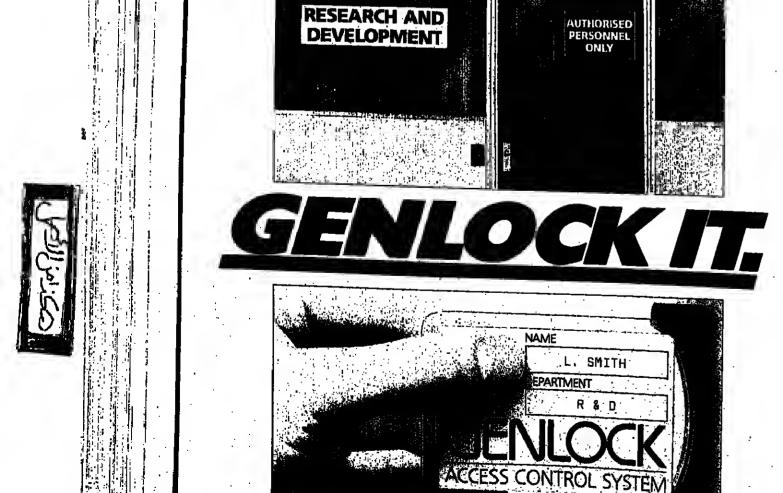
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Garden treatment

COVENT Garden, London's upwardly mobile shopping arca, is the last place one expects to find crumbling tenement blocks.

Holland and Thurston Dwellings, built in 1855 by the Central London Dwellings Improve-ment Company — a rival to the more famous Peabody Dwellings — lie tucked behind Drury Lane, one of Covent Garden's main thoroughfares.

When Covent Garden practice CGHP landed the job of refurbishing the two blocks. funded by a local housing association, they found that nearly all the one-room flats lacked bathrooms, kitchens and idequate heating.

The main task, therefore, was to find extra space for new facilities.

Given an open brief, with a budget of roughly £1 million, the most radical change involved transforming landing to balcontice and kneeking out the stairs in Holland.

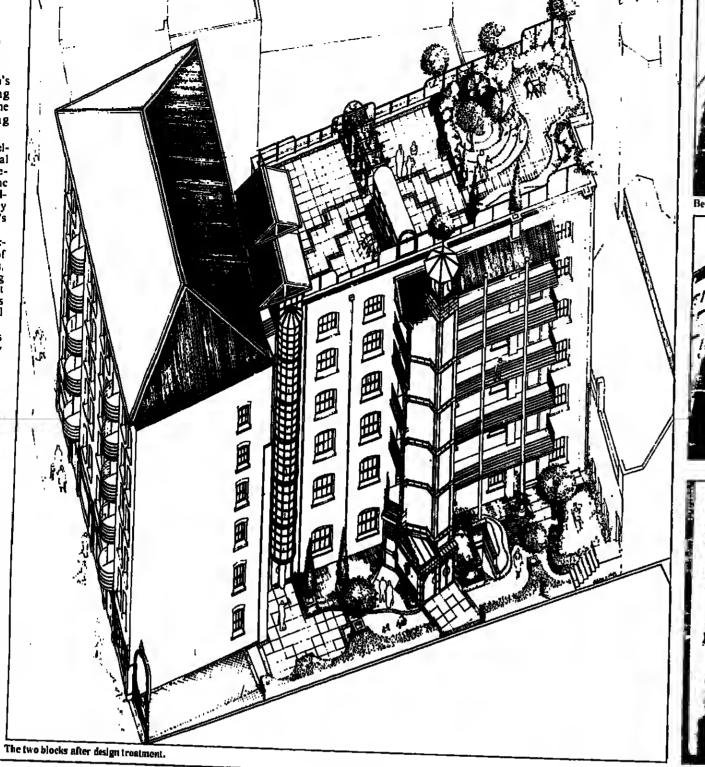
A new lift and stairs were put into the void between the blocks, and to improve security the entrance to Holland was switched to the back of the building and entry phones were installed.

Both blocks now have access to the tightly arranged garden on top of Thurston, providing a total space of 240sq m.

By building Holland's roof up one storey at one end and two the other, an extra floor was created, topped by a low main-tenance, pitched aluminium

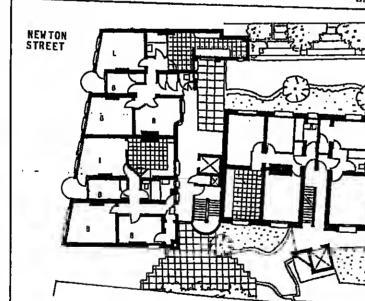
Amanda Baillicu

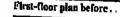
Architects: CGHP Architects (Cov. Architecis: CoHP Architecis (Covent Garden Housing Project).
Englueers: RT Horne & Pariners.
Quantity surveyors: Nigel Rose & Pariners. Contractors: Elliot Leyford. Consultants: Elvergy Conscious Design. Client: St Pancras Housing Association for Islandra & Oktober Association for Islington & Shore-dich Housing Association.











HOLLANO

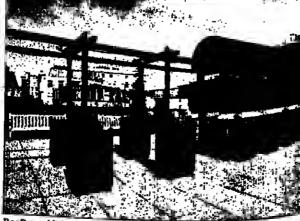


NORTH FACE

THURSTAN

View from the top.







Public relations in the semi-darkness

THE Architectural Press, and in particular cherubic Georgian features editor Dan Cruickshank, have gone into PR. Looking round for a suitable venue to launch Leon Krier's masterplan for the redevelopment of Spitalfields Market, developer Stuart Lipton chose the semi-darkness of the AP's basement.

But he should have known better than to hire Cruickshank aspect to the story which has not us his front-man. Not only did his attempt to preclude Scorplo from proceedings badly misfire. he appeared equally inept at dealing with a crowd.

Packed into the "billiard room" the hacks who managed logarculash dain way in, da Al mafia, plus the odd celebrity like my old friend Gavin Stamp, spent an uncomfortable 40 minutes trying to see the great Leon deliver the goods by the light of a dozen guttering candles. The few chairs that were provided were taken by AP staff who seemed to be under the impression that the whole event was some kind of private party. (How different from the las national press conference called by Young Dan at AP - at-

tended by two people.)
Clutching a glass of Valpolicella in one hand and the 'masterplan' in the other (was it really on recycled paper?) the benevolent Lipton explained why Leon was a genius. "It's a clear ease of money versus architecture," said the friendly developer, repenting his remark at the RA that had appeared in these very pages only three

Usual considerations, like how much money Rosehaugh Stanhope could expect to make from Spitalfields, were not points on which he wished to

Cruickshank did manage to attract enough attention to ordered to the bar so we could drink more disgusting wine from glasses which looked as though they hadn't been cleaned since Spitalfields was built, but as any chance of meaningful debate had been hijacked by a Georgian swap-aliop in one corner, Scorpio beat a hasty retreat, vowing never to return.

Strangers on a train

IT is a year since the notorious incident of Rod Hackney's interview to a journalist on a train, allegedly breaking confi-dences of the Prince of Wales. with all sorts of speculation about the Prince's architectural guru, and how Hackney would never be trusted again etc etc.

As Scorpio pointed out at the time, Hackney had operated as a stalking horse for the Prince, getting any flak that was going, and introducing the Prince's ideas on the inner city to the public stage.

Those ideas remain, as witness the inner city versus green belt speech he gave the other week. And his attendance at the opening of various Hackney community schemes demonstrate there has been no breach between them.

But there is another iotriguing 1976.

been remarked on - up to now. It is that on board the said train was a television crew. Why was no report ever shown? Because it would have confirmed the fact that the event was organised, in advance, ie with the knowledge and consent of the Prince.

Could this have been the start of that special relationship enjoyed by certain TV news company — which has given it so much exclusive Royal material and has made a fortune for one of its current newscasters and royal interviewers?

Caring profession

THE latest copy of the RIBA's official union magazine carries a stern warning about the dangers of Aids. Institute employees and visitors to Portland Place are told on how to prevent the killer disease (no sex, no drugs) in an exceedingly frank way. What a pity the institute can't inject the same honesty into its current

thinking on nuclear power.

The waming follows a memo sent round the institute last year, advising staff about the dangers of door knobs — which were all doused with disinfectant.

Hitting the heights

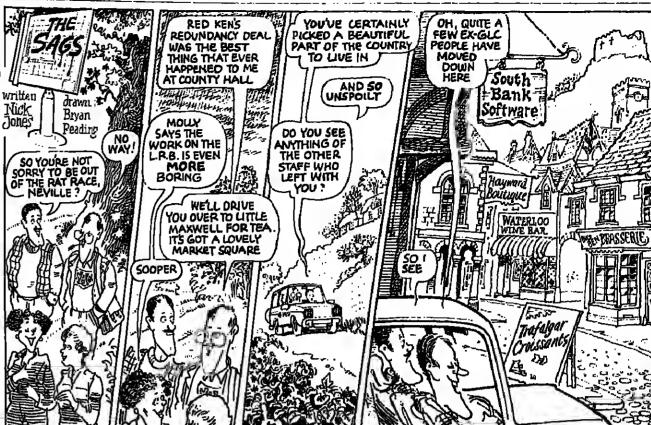
TUNE into Channel 4 on Thursday for a 52-minute dose of "Skyscraper", a behind-theacenes look at some of the world's tallest buildings and the men who made them.

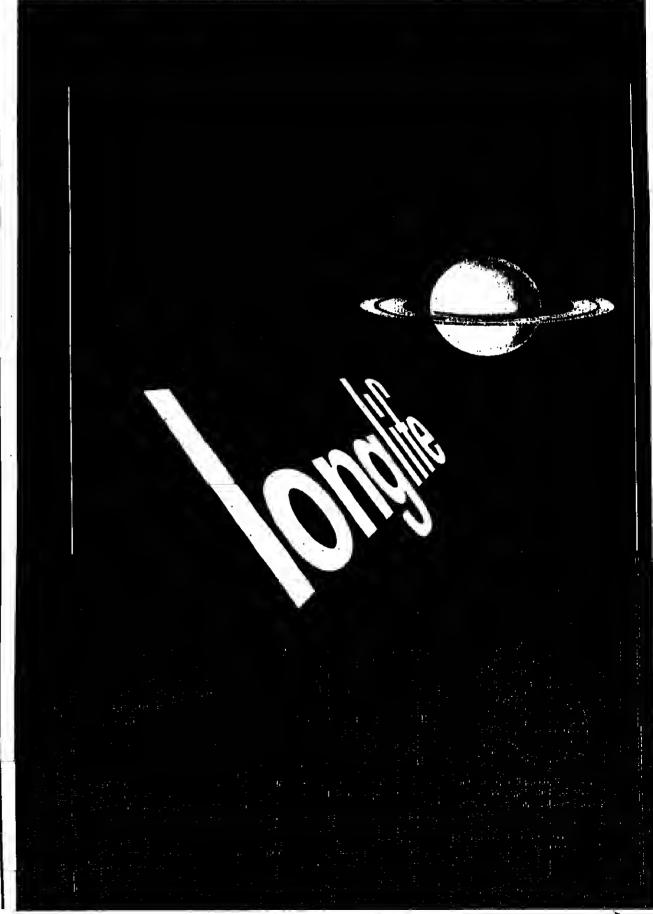
Promised highlights include how a London man built a model of Manhattan in his Fulliam living-room, why Chi-cago architect Stanley Tigerman classifies skyscrapers as circum-clsed or uncircumcised according to their shape up top, and latest plans to trump the world's tallest building, Sears Tower, by one twice as high.

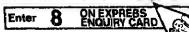
SCORPIO's early tip far next year's Royal Gold Medal -Geoffrey Bawa, the Sri Lankan who had an exhibition at the institute earlier this year.

10 years ago

ENVIRONMENT chief Peter Shore is meeting representatives from Ashford council and the GLC over renewed fire fears in connection with polyurethane board ceilings. This follows a mammoth and critical report by Ashford's chief architect, Alan Parnell. He has also been instructed to look at the structural stability of all timber-framed housing in the borough. Building Design, October 29,







From David Rock

MANY people have asked why I support Rod Hackney in his presidential bid, and what | better, stronger person on running mate" means? I see the reasons very elearly, but under-

At this time the RIBA needs a radicul lead to examine and

tion, with external pressures on architect's role, demand a arger-than-life person to transform a defensive institute into a progressive one. Most presidents since 1970 have recognised that big changes are necessary, organisational power-structure. Even Owen Luder, considered by many too brash and PRconscious for the job, yet who successfully contested the RIBA Council's nomination, found it difficult to effect change.

Independent thorns in the side of authority become effective, single-minded leaders when given responsibility. The outspoken rebel is often the assuming leadership, while the safe, respectable one becomes dull and over-worked and retreats into his/her shell. The RIBA presidential job

profile calls for:

bership-enthuser, sensitive to the needs of architects and practices throughout the countricator of new RIBA policaries voice in political fearless voice in political fea try (not just the affluent South).

and abroad. Attitude is allimportant. It demands attack, and awareness of architects' potential, which is to expand and change and re-colonise but have been thwarted by the | areas lost to us. Hackney, like me, advocates wider roles and skills - roles which require more, not fewer, architects to mateh change in social and business environments. The profession must decide-

does it wish to become the eonstruction industry's "design department"? Or does it want to reshape our role and regain a degree of control and leadership? Hackney has practical knowledge of enabling, funding, development; of "creating work from problems as project initiator, and in partnerships between public and private sectors; and he is strongly aware operandi. The RIBA's present | Confidence-man and ment- | and fundamental shifts taking

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If you're maasuring up to install heavy duty covars, just stop and think of the

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icy. This has degenerated as successive presidents hecame massively involved in executive detail. A ruthless hand is needed to stein and change the flow nf on-going business through the RIBA machine. Too much is self-generated and unimportant. RIBA business often depends upon what the secretariat thinks architects are concerned about resulting, with few architects on the staff, in an

outdated image and priorities. Hackney is uncompromising t his handling of change some would say vicious because he goessingle-mindedly for what is needed. He is efficient - delegates confidently and well — yet always seems to be available. He is awesomely direct and honest in contrast to present RIBA reactive, inactive, weep-it-under-the-carpet, behind-the-scenes wheeling and dealing whiel presently frus-

problems and general commissions, which: A strong, respected and fearless voice in political circles, guining the ent of those at the top. Hackney is well-connected ncy's view and mepolitically, internationally, and architects, especials with top government and other practice, are comme influential persons and adept in tects without the me his dealings with them. This year ney himself has me. he spoke at all four party million pound school go, not just Black Ro.

I READ with interest Professor

Happold's rnaugural address as

structural Engineers (October

10). Happold bemoans the low

status of engineers vis à vis

architects, eiting the number of

architectural knighthoods. He

also deplores the valuing of art

above technology, blaming this

Attractive as all this may be, i

is, while containing some germs

of truth, in fact a simplistic

caricature. The valuation of

things artistie as superior to

things technical goes back to the

time of the ancient Greeks who

despised the practical arts,

which they categorised as "ban-

ausie". Thus in Classical cul-

ture, anything to do with trades was banausie, and this was

something transmitted through

Classical education. In these

matters it is more interesting to

note what people do, rather than

what they say. The great Brunel

did not direct his two sons into

engineering, but sent them to

Harrow for a Classical educa-

The lack of proper training

and the low status of engineers

was atopic of discussion in 1818,

when the Institution of Civil

Engineers was founded, and in

the letter of invitation to Telford

to be first president in 1820, the

organisers bentoaned the fact

that "engineering in England is

to Finniston in 1980, official

reports have lamented the state

engineers' education. A

Leieester Polytechnic report

Engineers - servants or sav-

lours?" (1983) found engineer-

ing degrees to be "both teeh-

nically narrow and narrowly technical".

It is therefore not difficult to

see why the "bullshit" indus-tries of the 80s which Happold

disparages are more attractive

than engineering. There is a cultural problem (rather than a

class problem — all elasses are

interested in money now as a priority) and flowing from these

two, a salary problem. Salary

levels for graduate engineers

were appallingly low long before the "Big Bang" — develop-ments in the City are irrelevant,

though a convenient whipping

for years by successive govern-

ments that there is a dire

Although we have been told

From Playfair in 1852 right up

taught only as a trade . .

on England's class system.

president of the Institute of

 A public voice for RIBA and clesfield. the membership. Confident, That he is only in forthright opinions from the himself and the re resident are important. Hackreputation gained by ncy is a powerful, logical, frecarns media coverage quently charismatic speaker. A of issues beyond the aublic voice requires mediapractice. I want its iwhreness and ability to use it. nurnessed to the RBr lackney sees the media as ally, Hud Ray Ceol ant enemy: he makes himself amething of Hadre ivailable, is quick on his feet. ness, been council olans altend and takes the

o intich publicity.

membership needs.

directed at Hackney:

• Thut he cannot simultan-

consly be RIBA and UIA

president. Well, Rohert Mat-

thew conthined both roles to

for Europe, knows the score.

The UIA presidency, were he

elected, takes relatively little

time and could be combined

with some RHIA duties over-

sens, currently more time-

consuming than those of UIA!

On visits abroatd, whether on

RIBA and/or IIIA business,

Hackney would have elected

vice-presidents and other senior

advisers - mysell presumably

included — who could shoulder

• That he is "only a commun

ity architect". There are many

interpretations of "community architecture". Some bave re-

witter responsibility.

with the RHIA "revolu-

would have support nitiative in media terms — u vital approach, and why he gets whom almost two-lim council did not ver Different times require differpleasant, careful, goods nt priorities in the presidential tions, organised who: profile. Right now I believe, as time to prepare. His oes Hockney, that RIBA top conventional president annagement, with diffuse lines would enjoy being g of responsibility and tired but, supported by the seniors, needs reorganisation. hiernrehy (Rolland ! Reorganisation need not be Harrison) he will gotz destructive, but must be accomthe system. plished quickly and firmly, to Change is uncomfort

release creativity. I see the change is needed like born of its time the met tinn" nf 1958 when the institute recognises this tool was forced to change to meet Hackney this time, it. or someone likelings I ant aware of criticisms

I have been singleder lackney's supporterlist includes Peter Coti Gosling, RIAS proje I.nnc, Cedric Price S: Casson RDP chains Scott, Bob Magning Darke, Richard Sec.

spectnealur effect. Hackney, nlrendy UIA first-vice-president others coughly influent Hackney has called 'running-mate". Ch indicates the value attaches nut only tor ience of working withit but also to the position. und determination form tive change for which members elected mente. These he wishes to hand is elected president min wish to contribute.

I hope that all RIBE bers, whatever their of will vote. I'd rather ws papers - showing in. about the institute, # cither of the candidets duced it to something small and the usual 25 per cent pol David Rock London W1

narrow, too easily used as a tag. It could be called urhan and Going underground

From Peter Southgote
I WOULD like to thank those who wrote or have spoken to me about my letter of Oetnber 10 on the benefits of earth-sheltering.

Earth-sheltering has reully taken off in America and has now been used for regrentional. educational and housing pur-poses with greet success. One of the most dramatic modern Moscone Centre where n 2.6ha in the world is the column-free exhibition hall is located under £2m of snil at a future part in San Francisco.

The British Earth Sheltering Association is a ginger group founded in 1983 to promote the cause of this environmentally beneficial way of providing accommodation. BESA produces a news letter three times a year and aets as an information network to link all those interested in earth-sheltering. Any-one wanting further infurmation should write (with sae) to BESA, e/o Department of Architecture & Planning, Liverpool Polytechnie, 98 Mount Pleasant, Liverpool L3 5U2. Peter Sauthgate

The voice the institute

Clifford Lanele)

Berkhamsted

From Clifford Lansley little evidence of the classle sign HAS the RIBAgot HAID of a shortage — rise in salary BD trying to build a de levels. This may perhaps be over a very dubious explained by one engineering news? I cannot believe graduate quoted in the Leicester Poly report: "I wonder enntents of Prince C speech last week about cities, the green belt and hire ONC's to do this work." Happold also bemoans the high priority given to the visual ers. It is inconceivable by other design professionals, the RIBA could be anything supportive of the general tent of his speech. I trust that the RISAVE

himself wrote, in a BD book review (August II, 1979) that architecture was quite differthe opportunity at it. ent from engineering and stated that "architecture exlats to council meeting to put! impression that your provide visual cultural contingiven. If, however, yours ulty". The primacy of the visual correct and I am It Is axiomatic if this definition la wrnng about the RIBAST accepted. The dimension of on the obsessive conte cultural performance (artistic by builders on the derelo dimension) gives arehitecture its of the green belt, I would to be known that I will high atatus in acciety. Society has elite artistic institutions wish to be associated at view. What a pitlful disincentives has been a Wherein architects have found a hiche, eg the Royal Academy. The scientists have the Royal David Atwell to just Society. Unfortunately, for the hnusebuilders' obsession his view is really that a RIBA, God help the profes engineera there is no equivalent of RA or FRS to provide a stepping-stone to further prefer-

ment in the form of knight hoods, which Happold seems to value highly as an index.

Whereas architecture is suitable profession for a Royal Duke (Gloucester), engineering has yet to attain that distinction. To blame the money-grubbers in the City, and the Big Bang for somehow contributing to the lowly lot of the engineer is, I think, naive.

In any ease, contrary to what Happold seems to think, the economies correspondent of The Guardian, Christopher Huhne, thinks that the Big Bang "could lead to a substantial improvement in the performnnce of the rest of the economy" Miles Scott London SW7

Emperor's clothes

From H I Meyer IT is peculiarly sad to see Professor Broadbent (October 24) resorting to an aeademic version of the Portsmouth Defence, or old Rumpole's rule of argument: "When own ease weak, abuse opposing advo-

professor's point, equating West and East as both using Classicism. I thoroughly aceepted the point by a very pregnant silence on the matter. To paraphrase Dr Goebels, believe that the state-fascism of eapitalism is no different and no better and no worse than the state-faacism of communism.

That is not what the quarrel is about. The point is which style of architecture is required for a healthy society. I suggest it is neither Classical nor Modern,

but organie.
Philip Johnson, when embracing the International Style on the whole from 1930 until 1970, is the same Classical Johnson who ean embrace "Chi ppendale" post-modern-ism in the 1980s. Plus ça ehange plus e'est la même chose.

Frank Lloyd Wright is no more a Classical architect when he adds ornament to his buildings than when Louis Sullivan did to his own Wainwright building or Guaranty buildings. Indeed John Ruakin wrote volumes to prove that Classieiam and true ornament are anathema to each other. What John Ruskin labelled "Gothic" I like to classify by the Wrightian name organie but, whether Gothle or organie, Ruskin summed it up for all time in Stones

"In the new precision and accurate law of the classical forms . . . (the world) . . . perecived aomething peculiarly adapted to the setting forth of atate in an appalling manner: courtlers. The Gothie was good for God's worship, but this was good for man's worship. The gothle had fellowship with all hearts, and was universal, like nature: It could frame a temple for the prayer of nations, or shrink into the poor mnn's winding stair. But here was an arehitecture that would not shrink, that had in it no submisslon, no merey. The proud princes and lords rejoiced init. It was full of insult to the poor in its

every line."

Broadbent may be atunned by Krier worklog for SOM. Why so? A multi-national firm like SOM must use the flavour of the month. Right now that appears

to hemore overtly Classical than | of the old days = "A single voice | his hunger for sell-promotion at previously but it does not justify either SOM, Krier or Broadhent in saying that Classicism is the only true architecture

In fact, all false architecture is Classic, whether in the Lever Building, the Great Wall of Chins, the Moscow University or the Washington Pentagon. to not react with violence, merely point out that whether red or black, the emperor's clothes are a sham. H t Meyer

Destructive attitude

From Joures Williams THE Group of Eight must go, says Hackney. But it won't. It will simply go on, without Hackney and regrettably withont the RIBA.

Those who ever served on the lunior Liaison Organisation, that pressure group of the industry promoting close collaboration between the design and building teams, will recall the organisation's banner

for the building industry", Of all the professional institutes sponsuring the group, only the RIHA prograstinated. Finically they sent along a new cnuneil inember, Raymond Andrews, to lind out what it was nil about. Convinced of its views, he obtained for the JLO the suppon it needed. The JLO's campaign was helpful to Hugh Wilson in forming the president's committee for the urban environment out of which, in due course, the Group of Eight

was born. RIBA presidents have always led and chaired the group, th institute provides secretarial backup, the work it does unnewsworthy as it may be, is always relevant. And that is the essence of real effect. In an industry so easily divided, we are lucky to have it — our single

Prior to his presidency, Owen Luder was known to have doubts about the group. They were never so discourteously expressed and he went on thlead the group in one of its most important encounters - thn with Mrs Thatcher.

On this occasion, grasping in problems facing the institute as

- election lodder without offering every possible issue imon which There is much that Landother he carrey press an opposing view, Hackney is displaying the niembers would agree with, but indiscretion for which he is to imply that they can be solved. increasingly known. His ahrasive nititude would be offensive completely denies the collective to the other inemhers of the responsibility of RIBA Council and the various committees who group, intolerable and destrucare elected as part of the demo-

tive. In this respect at least, Hackney's win would be the profession's loss. James Wititams London Wit

it is likely to damage the ability

of the institute to weather the

storms of change that will

undonbtedly shake the profes-

sion in the bottom of its

The obvious conclusion, in

reading Rod Hackney's mani-

festo, is that he is using the

Election

From Peter Melvin

fodder

foundations.

edly under way. Stability is also needed and never more so than in effecting change, but statesmanship is also a quality that is presty useful at this time.

Peter Melcia

eratic process.

Change is undoubtedly

needed and is also undoubi-

DO not find the process of electioneering for the presi-dency of the RIBA a productive Letters to or informative exercise, and in the ease of the present occasion

the editor 1.etters should be typed double-spaced on one side of the sheet and sent to: The Editor, Bullding Devign, 30 Colderwood Street, London SEt8 6Qt1. We reserve the right to cut or amend corre-

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We even thought of the cyclist, his wheela won't go down iti



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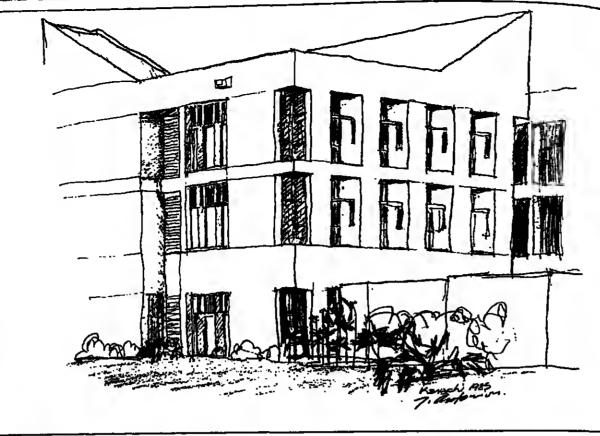


Jim Antoniou

TO take o trip to almost any one of the wealthy states in the Middle East is to be confronted with a panorama

of architecturel banalities. At best, what has been created is a sterk environment of efficient highways and modern structures besed on the lastest construction techniques, built at tremendous cepital cost, in defiance of climate, terrain and humen scelc. The result has been on archi-

lecture based on misconception. Stand on eny street corner and look to one side and you will see the work of Arab srchiteets who lisve strived to create their own mediocre version of Western architecture; look to the other side and you will see buildings designed by ill-informed West-ern architects which only they recognise as having Islemic qualities.



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failed miserably, egged on by e of clients. Of the billinus of dollers spent on development it is doubtful if more than 100 buildings with any sense of erehitectural quality are worth recording for the next genera-

Ironically, with the exception of Iron and Iroq, it is the poor countries in the region which are rich in the Islamic architectural heritage and it is the wealthy stetes which find themselves in scarcli of an architectural lnnguage to fit buildings into their surroundings. It is not surprising, therefore, that in desperation nrchitects wurking in Kuwait and Qatar have given themselves no uther alternative than borrowing cut-nut motifs associated with royal courts of a bygone age in far-flung places such as Cairo and Fez.

Consequently, a nnec-in-amillenium opportunity has been lost to create an architecture worthy of the resnurces avoilable to small but wenlthy communities. To nchieve nn erchitecture of innovative forms while still applying the princi-ples of a regional erchitecture in the 20th century requires time end erarecombination of a wellprepered brief with a sensitive epproach to design.
To find such an epproach, one

hes to look for a rich client outside the repid development of weelthy countries. Onc example with these qualities is the new Ags Khan University Hospitel in Karechi, now in operation for almost a yeer.

A hospitel complex with almost 100,000sq m of site arca mey be small by recent Middle Eastern scales of development. but it does set environmental stendards which are relevent to adopted for growth and of many Muslim countries, cspecially those which until receotly have been because adopted for growin and resion remains to be seen. Also
some department have not ceotly have been boesting of their spending power. Here, a strongemphasis has been placed facilities, coupled with a desire to plan end build a new institution in a self-senerating setting.

to plan end build a new institutlon in a self-generating setting.
The design team of Peyette
Associates of Boston (with
Mozhan Khadem as consultant)
took time to study the erchitectural history of Islem in order to
interpret it into e modern but
dignified complex. A basic
problem of construction in
Third World countries is that

builders used to tradicar m ct hods are ignorant of make: tects and their contrators. ill-informed about traffic. building nicthods. In this instance, the deipe

with the main contract, he lone Colls Cementation Or sens, has managed to mitth many traditional femes & architecture in the minist linve been neglecidin the styles (eg the interioding) interior spaces, courting careful landscaping, all signed as an integraled ent ment]. A variety of intiger. environmental control me linve been incorporated improve the comfort and penrance of the building.
I'm example, windcards

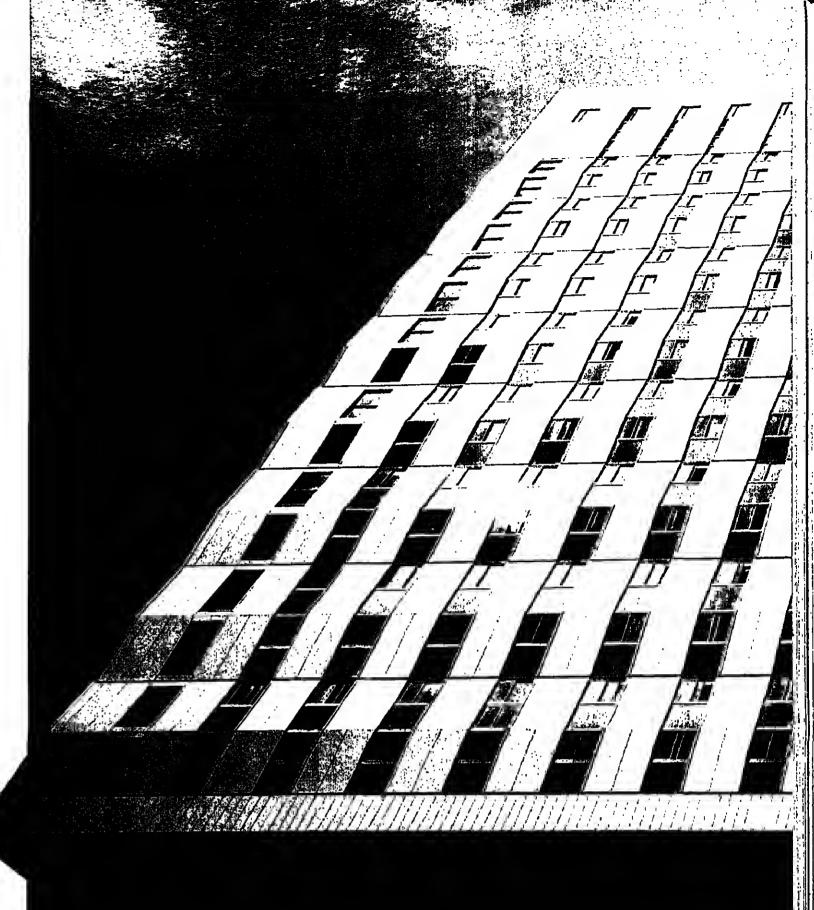
the rouf pattern and these hack of windows in we uvaid direct sunlight, td. heat and allow for cross w. tion. Textured wall surface: subdued colours of but materials further lessenth absorption of the building high level of integration be the interior and extense of tiles, ornamental metals calligraphy, wood and ple work, rugs and fabrics.
This kind of approx

orehitecture ean some have additional advantage. least by providing opposite to develop and maintivericty of crafts and skilled vericty of crafts use of local materials. Add siting of such carefully publications can create the vir on mental standards in po Kerachi and have a bendi impact on future developer

In the surrounding area.
How flexible the system the limit of their spatial and ments. But a more bast of tion is: how can medial dents being trained in this can be so that a least of the spatial spa

more Information on these pages.

a



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impact

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TO take a one of the the Midd

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GRANDEUR IN THE SUBURBS

Former Grunt Group member and RCA tutor Ed Jones left London in 1982 when he won a competition in Canada with Michael Kirkland. Robert Harbison visited the site.

before he reaches it.

THOUGH Mississauga isn't New Delhi or Chandigarh, those schenies of Lutyens and Le Corbusier seem the right places to begin considering the ambilious new city half which is being built in Canada after a widely publicised competition (246 entries) won by Ed Jones and Michael Kirkland in 1982.

Encouraged by the brief, they came up with a symbolical edilice or series of architec-

than another public building. It has been appropriately called erudite and witty. It goes further than any other sizeable structure I am aware of (leaving aside jokey fountains or outnnd-out monuments which are how it could come to be built. turning up in a new mocking style as far affeld as Siena, Barcelona, Washington and

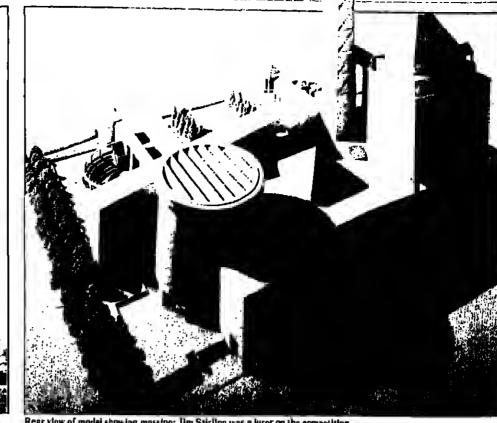
Toronto) in trusting ideas to in this design and its acceptenrry the building, so that many of the elements are showing something long before one recognises that they are also tural events which is far more that the building's scale and the on an acquaintance as short as

Toronto to be thoroughly doing something. Or perhaps it is the earth truly awful, especially

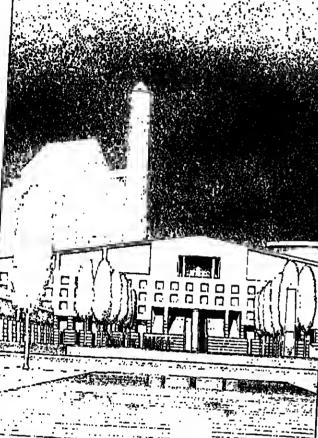
wide spaces around it allow it to mine with Mississaugn. But in a send messages to the viewer long two-hour visit last spring I found it about as bleak as sub-The key question is probably not how a building like this urban wastelands can be,

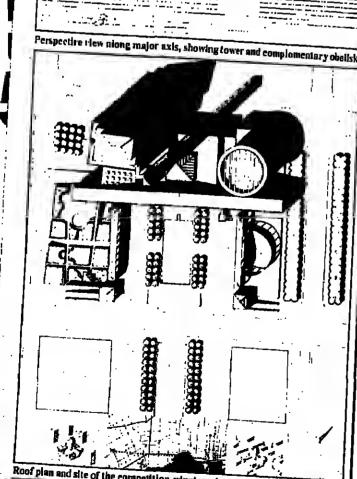
The plain north of Luke could be invented at present, but Oniario is not one of the world's remarkable landscapes, hut There is a wonderful (and how when one finds it in something specifically Canadian?) confilike the state of nature, it has a dence in man's ordering power kind of a charm like a desert; even in April the colnurs tend towards a funny grey, lurking Everything depends on the place where it is going up. Now beneath the surface not only in it is never safe to call any part of building materials but in scruffy

Recent these of the city half under construction



Rear view of model showing massing; Jim Stirling was a juror on the competition







Whatever your heating requirements, we can rise to the occasion.

A real fire can provide sufficient heating for any home, whether it be a modest bungalow or something a little more palatlal.

There are literally hundreds of solid fuel open fires, roomheaters, cookers and boilers available on the market.

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In 1985, a survey conducted by Audits of Great Britain discovered that 30% of all new homes were using their chimneys for resl coal fires.

This is largely due to the fact that running coats for coal heating are being kept down in relation to other fuels.

But there is also a growing awareness that the costs of gas and oil are bound to escalate as they become more and more acarce towards the end of this century. (This fact is acknowledged by the Department of Energy.)

Britain's reserves of coal, on the other hand, are sufficient to last the nation for 300 years at present rates of mining. Coal will therefore provide

energy long after North Sea oil and gas supplies have dwindled.

In which event, ail homes should be built with chimneys so that they

can switch, at any time, from using gas or oil, to using solid fuel. The National Consumer Council felt so strongly on this matter that their

report entitled 'Paying for Fuel' contained the following words:
"We recommend that no home should be built with only one fuel supply. The Department of the Environment should direct public and private developers to ensure that new houses are never restricted to a single main fuel

and that ail new houses have flues." There are also some very practical benefits to be gained by using a chimney. Benefits that increasing numbers of householders are beginning to

appreciate for the very first time. For a start, the chimney acts as a large radiator by storing heat and radiating it slowly back into adjacent rooms. What's more, the continuous warmth provided by a real fire, together with the natural ventilation from the

chimney, help to eliminate condensation and dampness.

This, in turn, prolongs the life of the property, reduces re-decoration costs and is a direct contributor to the health and well being of the occupants. For all these reasons, the demand for homes with chimneys is rising.

In order to assist specifiers who intend to make provision for real fires, the Solid Fuel Advisory Service have set up a successful scheme called 'Cosyhome'. Under this scheme, specifiers can seek the expert technical advice and marketing support of the Solid Fuel Advisory Service, free of charge.

Besides such present developments, foundations for the future are being laid by investing milijons of pounds each year in a research p out by the Coal Research Establishment at Cheltenham.

Their efforts are being directed towards making solid fuel an even more efficient, convenient and economical means of home heating.

Over the last year, for instance, one of their many projects has been to develop heating appliances that feed ond de-ash themselves automatically. So there might well come a time when the coal-scuttle becomes redundant.

Thankfully, the same fate is never likely to befall the chimney, whatever shape or form it happens to take,

To: Solid Fuel Advisory Service, FREEPOST, Broxbourne, Herrs, ENIO 60R Imalilag housel. Tel: (0992) 461668
124 hour service). D Piesse send me more information about modern solid fuel appliances and chioneys.

1 would like an SFAS Technical Officer to contact me as soon as possible. (Piesse sick appropriate'boxes).

Real fires start with British Coal.

'erspective section through central hali. corrupted and yet unable to far almost the facade of a

support its own urbanity. It is an

nvented entity made of several existing towns whose mutual sprawl has now made them hard to tell apart. It is, sadly, a place or set of places fast losing what meagre identity they had. Jones and Kirkland are presented with a peculiar 20th

blank slate, n monotonous development without real centres or features, which still appears to leave little room for drastic amelioration because it isn't actually empty, just boringly filled.

One can slander places like Mississauga all too easily. Something must be right in Mississauga, because it wants Jones and Kirkland's building, which is like a massive injec-tion of civilisation or a crash course in history.

The building tries to present lots of the long-evolved amenities and ameliorative gestures of older settlements, not in the digested and assimilated form one would find in a rielt ancient city, but dissected as if in a primer or survival kil.

You are faced with the trenendously oversized pediment which sits down too near the ground as if still waiting for columns of adequate grandeur to raise it on high, as it also walts to be filled in behind, looking so

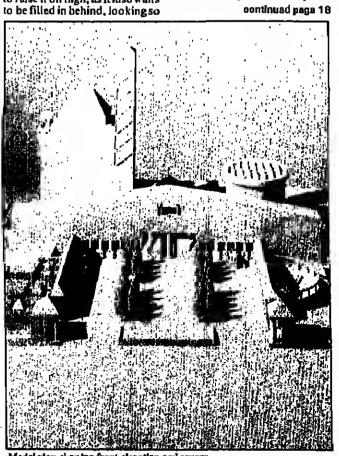
temple-to-be, an advertisement for a type of building which may eveniually appear in these climes. In front of this are the various components of a gracions landscape park or garden - a maze, alleys, a pool, an amphitheatre.

They josile each other as if quickly sketched out or thrown impatiently down, because there is so much work to do that it cannot be done in a leisurely way or softened at the edges. Over this representation of nature the building presides, at its centre a mockery of the kind of hierarchie politics which sees palaces

> cye, is a small podium high above the ground. "It is for making specches", Michael Kirkland told me, but the polilician who assumes the airs of a Duce would look an ass, so dwarfed by architecture and so out of touch with his audience and his troops.

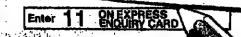
Inside, there are further deflations of pomp, like a grand staircase narrowing loward the top and making politicians its

It sounds ourrageous and would be unsafe to predict in detail, but like the imaginative Toronto City Hall of 20 years



Model view showing front elevation and square

Enter 13 ON EXPRESS



TO ii confi

SECTION C

Cross-section through principal parts of the complex.

Grandeur in the suburbs

Not even the toughest or the most unperceptive user will remain entirely unaffected by its

When one goes behind that grand and would-he pediment one may feel that from some sides the building has too much of an nit of an nutbolugy of architecture's geometrical range, for there is a collection of solids - cylindrical, comic and embic. All similar to those satisfying toys for children, which reduce all shapes and colours to a primary set of six or so.

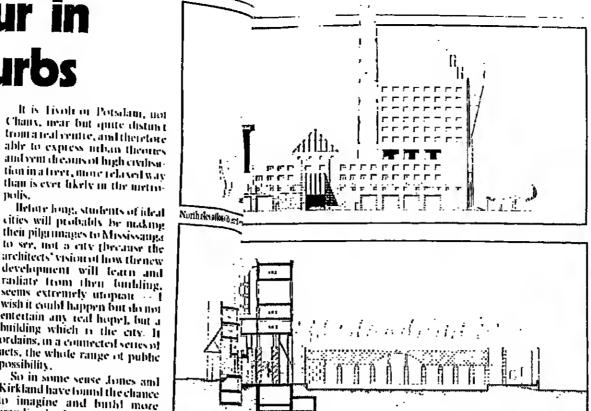
But I appreciate the irony that so much recent architectural thinking is more vividly exe- possibility. cuted here in this backwater than in the more central places one might have predicted. But it is significant that we are almost

It is Livole or Potsdam, not ago, I think this building will influence the political process.

Chanx, near but quite disturt tronca real centre, and therefore able to express urban theories andrem dicours of high civilism tion in a freet, more relaxed way than is ever tikely in the metin-

> to see, not a city (because the architects' vision of how threew development will teath and radiate from their funding. seems extremely utoptate ... ! wish it could happen but do not entertain any real hopel, but a building which is the city. It ordains, in a connected series of acts, the whole range of public

> So in some sense Jones and Kirkland have found the chance to imagine and build more grandiosely than almost any of their contemporaries.



hrough the complex at ground level.

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ing areas.

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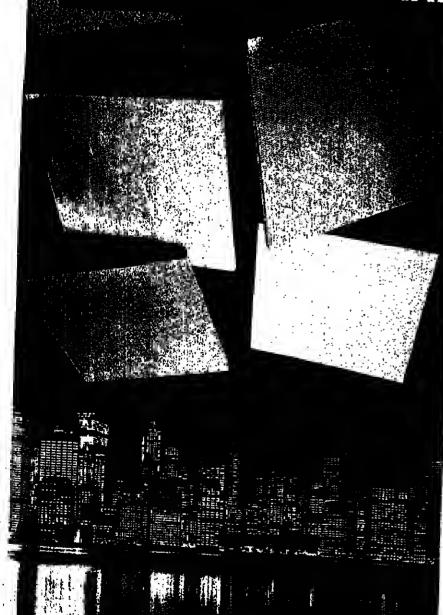
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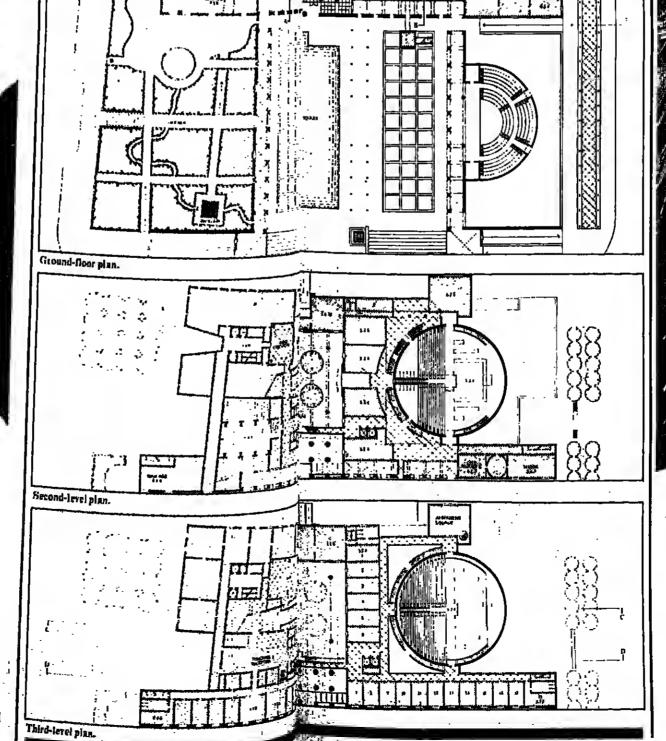
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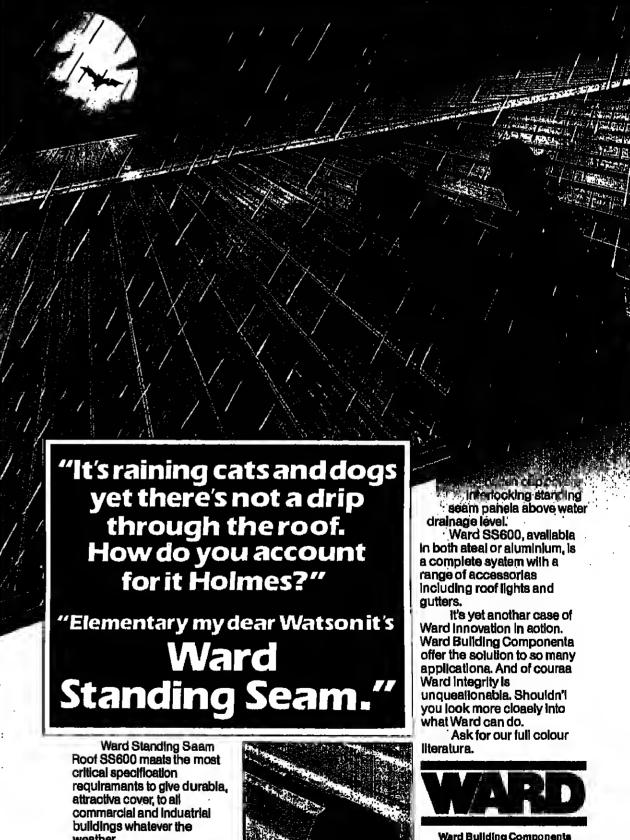
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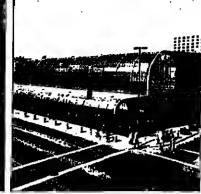






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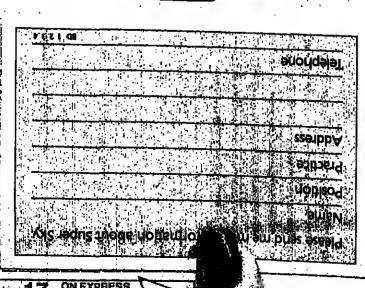




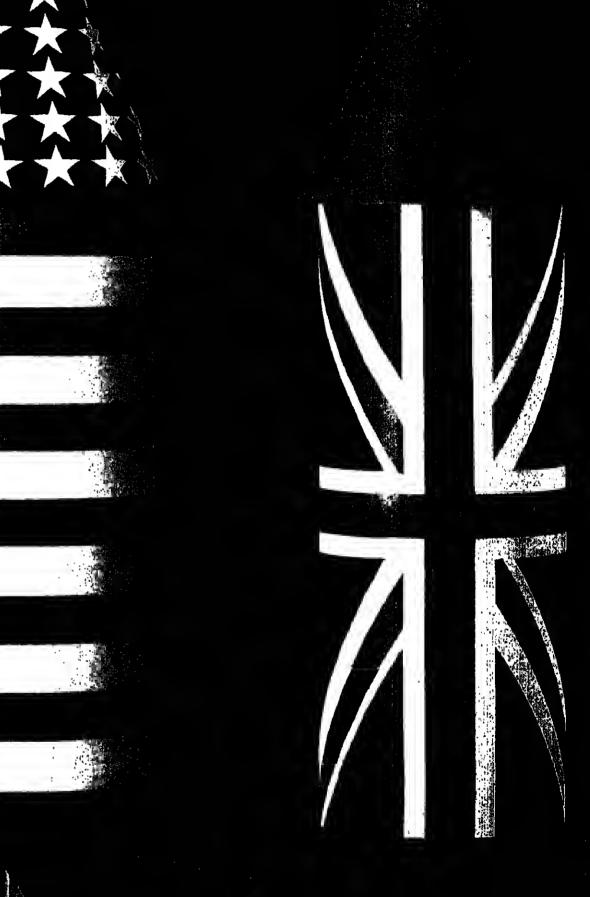
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SUNSET FOR THE STRIP

Alan Blanc talls the tale of three towns in Washington State.

THE American "Strip" is the biggest stuntbling block for European comprehension and the reason why the irreconcilable aspects of the Yankee environment make one long for Europe. Venturi writes on the Strip in

Complexity and contradiction in architecture: "In God's own junkyard Peter Blake has compared the chaos of commercial Main Street with the orderliness of the University of Virginia. Besides the irrelevancy of the comparison, is not Main Street almost alright? Indeed, is not the commercial strip of a Route 66 nlinost alright?"

That I tecl is simply eyewash for an apparition that disgraces every township, whether it be Jefferson's Charlottesville or Grand Coulee in the lea of the Coulee Dam, and that gives the USA an rigly commerciality that eventually drives the visitor to say USA - the Ugly States of America.

Jane Jneobs, writing on the Death and life of American cities, does not touch upon the Constitution and consequent economic distortions that give rise to the "Strip" mentality coast to coast. It is worthwhile apelling out these facts before looking at how three townships have set out to dress up the strip and niake good the damage caused by decades of market forces wrecking the environment.

Zoning ordnances are part of the Constitution and were drasted state by state as the population spread westwards in the 19th century. In essence, urbanisation is a fundamental right and a township, once registered for development, lias

urban subdivisions, the latter even 20 miles away.

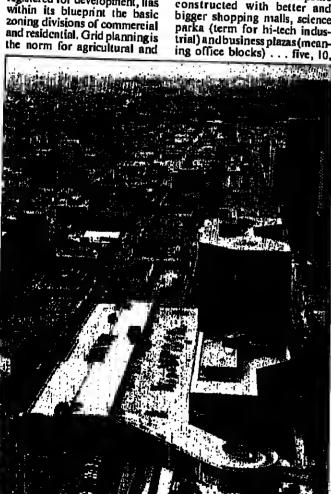
Democracy in the States is a with the plots drawn parallel to the tracks. Cities founded 100 years ago along rail routes were totally within the aegis of the "rnilwny barons"; for further reference read The Ociapus by Frank Norris 1870-1902. It will be compulsory reading for my students next time I visit the West Coast.

The term "commercial" has a range of gradations . . . heavy industry, transportation, warehousing, running the gamut through to offices and retail. Rucialismentered into zoning in Chilifornia with the Chinese world in Main Street USA. excluded from the commercial strip, a point that was overturned by their appeal to the Supreme Court, Washington DC. The "blueprint" is in fact simplicity itself: a grid iron of say 100ft × 100ft plots, enlarged to 200ft × 200ft or 300ft × 300ft in the commercial area and drawn in strip zones . . . firstly

the railway tracks, alongside ... factories and warehousing, next a service road, thence commercial and the main thor oughfare (the inevitable Main Street), a balancing commercial zone on theother side and finally residential_

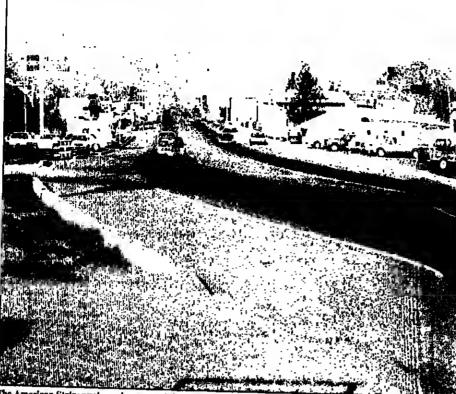
The expansion of the grid is infinite in all directions. Town limits are not a limitation as the next settlement applies for township status so that ribbons of development line the trunk routes, now road not rail in the latter part of the 20th century.

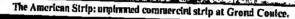
There is a total absence of strategic planning in the European sense and manyolder areas in America are simply left to rot while new commercial strips are constructed with better and bigger shopping malls, science parka (term for hi-tech industrial) and business plazas (mean



Calgary with rati tracks and engineer's grid arrangem

matter of equal opportunity under the Constitution, and is at the root of the dilemma when it comes to restrictive legislation; compensation for not having the right to zone or rezone being the mental blockage that frustrates long-term planning of the environment. Pro-Americans will term my preface "commonplace", but to outsiders it is necessary to grasp the point if one is to understand the in-eredible voluntary work by some communities to turn the tide against a very Philistine







Covered street crossing with lower canopies to shops.



Cashmere

population about 2000) CASHMERE is a small town in lie orchard bell above the Wenatchee Valley and now bypassed by a motorway on Route 2, this being the principal scenic highway that leads 100 miles brough the Caseade Mounains to the coastal cities of Seattle and Theoma with a combined population of 750,000. This proximity (in American terms) implies heavy tourist traffic to an attractive alpine area similar in many respects to Martigny in the Upper

Passenger traffic was withdrawn on the local railway and the chamber of commerce decided to look at ways of attracting visitors back to its Main Street now that Cashmere was aimply a cul-de-sac off the nain road. A farın museum was sited nt the traffic interchange and a local architect, John Stiltonberg, proposed revitalising the shopping area by using covered ways to link the shops and to protect ahoppers at pedestrian crossings. The style

"Main Street" schemes and attract federal grants for improvements to paving — brick and squares of exposed aggregate in the case of Cashmere that give agrid pattern related to The traders have had to foot

The photographs reveal that "something like" is far off the mark, but the reolity is remark-

ably successful as the vigorous

discipline of posts, beams and shingle roofs ties together the

chaos of differing facades and

unites the signage once and for

all into amall-scaled features

with well considered lettering.

The "crosswalka" are superb as

these split the total length into recognisable "places" or el-

ongated squares and frame up

the block that terminates the

Facelifts of this type are called

street at its western end.

the bill for the canopies, roughly \$4,000 each 10 years ago. Features like the "crosswalka" were inet by a levy on all traders. Climnte in the "Cascades" is severe, so the continuous cover now provided means rain or snow is not a deterrent to







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mains street on route 2,

where one shakes hands across

sign proposal was accepted by the chamber and town conneil

tracks and river.

The goodwill and patience of

the public is amazing, likewise

the amount of voluntary time

pin into civic projects to get

matters moving, although one is

left with the view, politically speaking, that the alphabet and

wheel are invented each time a

scheme is inaugurated. Such an

event took place last Easter when the Pullmun Civic Society

held a "workshop design"

session to look at the current

ideas for " walking trail to

My contribution was to talk

The key comparison being the

60 miles of walks created on old

railways or canal hanks within a

12-year span and paid for from the rates; a really different world

is this last aspect of public

expenditure that is the rub in

Reaganomies . . . minimal

View along mato street: Cadillnes and chalets.

Leavenworth

(population 1,500, plus 1,500

LEAVENWORTH has the

good fortune to be a ski resort, but was beset with the same problems as Cashmere when the The chamber of commerce involved the University of Washington at Seattle and a report was produced in 1965 which highlighted the assets of the township and its setting and the way in which an "alpine design theme" could be applied the main thoroughfare to make it different from any other

formation in 1965, the work menunies of the Facility in being self-funded. It is difficult or "British Wis Harpoon Leavenworth is very typical of to get a lighte for the building as known to No Poston nbbon development, with the costs involved, but the re- tors in times pag. commercial zone running right modelling was more than costhrough the fown and to a slepth modelling was more than cos-metic as the Tyrolean taste goes the aesthele from alof 300ft back from the frontinge, round four sides; the lean-to for leaded light to the consequence being the scale of facades, whether Western or roofs and black left top giving 12ft high below to kitsch, is dwarfed by the space way to full pitched roofs (in the between. This is totally different to alpine resorts like Milirren, style of enckoo clocks). My impressions were that the

Leavenworth burghers had an- worth; shop trad jutting upper storeys.
This part of Washington hus a deipated the remake of "The Sound of Music" or "Heidi" sprinkling of Germani intmi-grants and had a nickname and the profits that would ensue. Madison Avenue is never far 'Little Switzerland". The debehind and the adverts and signs take the cne . . . "Take Home a Leaven worth Burger", "Welcome to the Mailest and Volksnarch", "The Kinderfest" with he Tickle Tune Typhoon Hand, lansbrucker Inn with Park lans Giffs", "Hansel 'n' Litetel Delicatessen", "Zur Ratsstube

A lot of architectural skill has been employed to make the dreum into a stuccaed, tumberrunted Bavatia, the leading ocal designer being Heinz Ubrieht, a former native of onthern German . The shops ater for these "rolk" train the fatherland with loss of imported goadies and hings back

Main Street, Pullman, with linking canoples, new pavements and better signage

chalet roof.

tortch has learned! "l'sycho"; that film, m ally, being the best rec to Americana and the architectural tems.

to seek respectab original inspiration ntiles away. This min values, for Yaoku certainly edection settled for Micky M amother for the "W

ever, very proud o anetal success, the quote heingtakenfrom Echa, "I hal's the stop! the money you have the answer treeze zone firms along the connecting highway. The same what they have saved or bor- disability in local government to American front on the Bayarian village. The whole continent seems to he very smag on the fact it is run on "tick", but highly critical of central or south America that renegotiates its

Pullman

populatinn about 16,000 allhin eity limits hut 30,000 within 5 miles

THIS city is the wealthiest of the three reviewed and tiwes its inique position to the presence of Washington State University, which gives a young popula-tion of 12,000 or so, plus the back-up of educationalists and the service industry that keeps the place ticking over 12 months of the year, tI should explain at his point that it has been my ome for the winter semester.]

The surrounding area of the stretches 100 miles westward hefore other urbun districts are ound: to the immediate east lies the state horder and a mere 12 niles down the road . . . the mirror image University City of Moscow, Idaho.

briefly about the work of the National Park Authority in the The lack of comprehensive Peak District, where hundreds of miles of walking trails exist. lanning within a sinte or across state boundaries is very apparent in Pullman, with ribbon development beginning to con-nect the twin cities ond to erode the value of central area shopping in both places. Main Street in terms of ideas and positive action to that seen in Pullman. It hemes have been undertaken n Pullman and Moscow to counter the pull of covered shopping mails built in the suburbs, but nothing is done to

tederal funding . . . largely selfhelp and smug charity. The "Greenway" proposals Which puts a very come to grips with real issues in for Pullman were supported by state officials giving accounts of land use is the reason that a "Greenway" to connect the two other schemes with a time scale

universities has been a talking of 16 years to fruition, like that point since both establishments were founded 80 years ago! The at Yakima; the first couple of miles involving umpteen organ-isations from Boy Scouts to Eiks actual path could be made on open land alongside the rail and even Rotarians to weed, plam litterbins, put in shrubs, The paralysis in planning then put their names in proud rests with the idd hogeys of coning, the rights of riparian

lashion on every job completed. The prettylying attitude here and trackside owners, comsupposedly a direct reaction to pensation for lack of rights in future and the whole rightarole the mess left by quarrymen and railroad engineers and much the same could be said of the new of procedure that strangles democracy on the wrong side of river park at Pullman. the Atlantic and below the 49th The park in that city is the

space left after architects and engineers completed flood prevention measures 10 years ago, the ground being a domp for cars and rubbish ever since. Full credit for the transformation has to be given to the Pullman Civic Society (modelled ion British ideas by expatriates! which agethaned off the dump in egments to volunteers to tidy and plant in accord with a general planting scheme. The heliore and ofter views show the changes made, which have nspired the society to develop a banner theme to decorate Main Street and to run a conservation committee that gives opinings on all building applica-Pullman. The city also has an active chamber of commerce and they completed a federal funded project for repaving plus a one-way system back in 1976, that operation being linked with a facelift to the facades, with redecorotion and tidying of

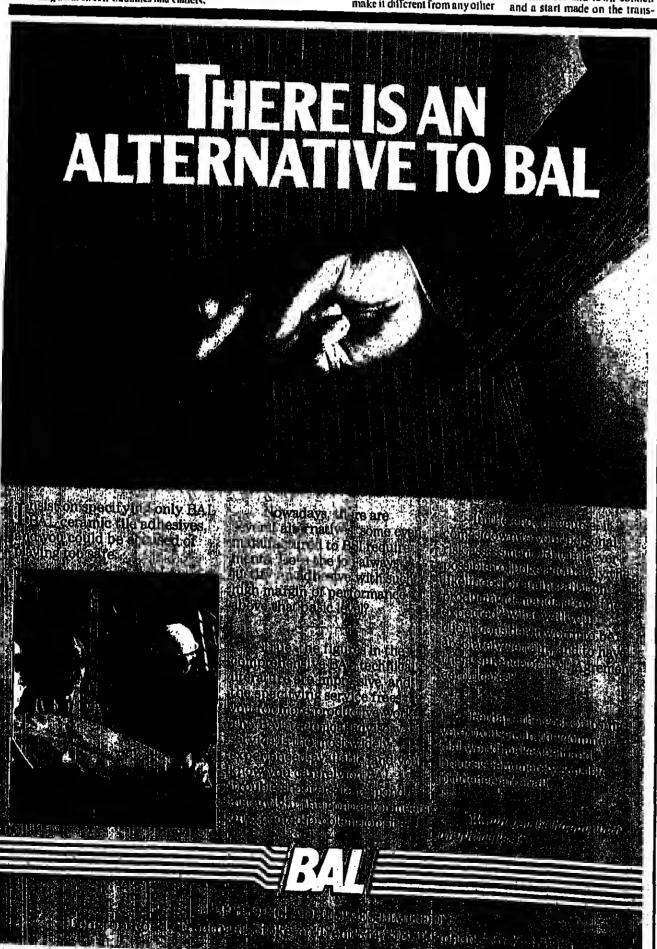
signage, It should be explained that

federal funding for urban aid is similar to HBC grants in the UK - 50:50, private to public. The fierce independence here means that the solicitor is reached for, if not the gun. The street improvements of Moscow were challenged by trailers as not worth. was complete]. This resulted in \$180,000 being paid back to traders on Main Street.

There is one final point, which relates to tax structiming, Credits are obtained for charitable provision of the National Gallery extension, or Geny's gift to the miners. It's not a matter m the States of a knighthood, but the hardhinen truths of tax dudging. The Yakima Greenway, already mentioned, is a registered charity which cidlected \$1 million in one year from a community of a few

thousand. Readers may think this can never happen in Britain, Well, in iny view "Thatchervilles" like Docklands represent Americanisation of planning with a vengeance, and one only has to louk at the proposals for selling off surplus M25 land near the M1 interchange to see that the long-term principles laid down by Abererumbie a mere 42 years ago are totally forgotten hy those consumed (to quote Lord Stockton) with selling the family

The latest tax changes in the States will bring the base rates even lower down the scale, but at the expense of the tax credit system, so one could write that this tale of three cities is an epituph to an era of self-help in the civic sphere, or of jax dodging to the more cynically inclined.



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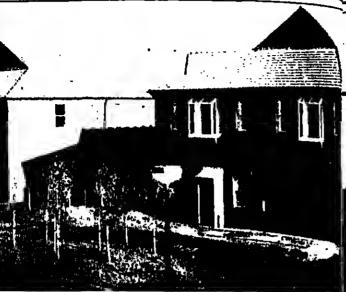


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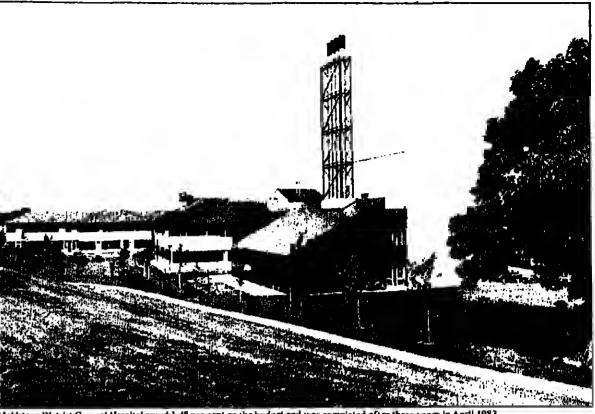


TREATIN THE CUTS

In the first of two articles on health buildings, Fions looks at the pros and cons of the Nucleus hospital system.



"The Medallion Award Scheme



Above and right: Macior General Hospital, Wrexham, designed by the Anthony Clark Partnership for the Weish Health Common Services Agency. The project was completed in 40 months with a 30,77 per cent saving on the building like and of May 1985 WITH health authority hospital of 600 beds could be spending hit by Government cuts, architects asked to hand back fees and at least one regional health authority architects' department privatised, one hospital construction system is giving the Itealth service a much-needed

shot in the arm. Nucleus has been the pride of the Department of Health & Social Security since its birth in 1975. No cuts have been allowed to stunt its growth and no health authority offered the chance to use it has refused. A £900 million programme of new-build and extensions has been undertaken. with 29 completed schemes and another 74 in the pipeline.

The system was born of necessity. The 1973/74 oil crisis brought a radical revision of the DHSS spending programme. If the country's regional and district health needs were to be met, a cheaper, quicker alternative to the Best Buy and Harness systems had to be devised. The department's response

first phase hospital of about 300 beds which, with the usual satellite units of a district general hospital, could provide for the needs of a 250,000 population for up to 10 years without expansion. The design had to provide sufficient but limited choice of content so that the first phases might be tailored to different aervice priorities, and efficient use of space through good functional relationships and clustering of departments. The new programmes had to cater for a wide range of sites, make maximum use of natural light and ventilation, allow for new fire and escape regulations, and plan for two-storey buildings with the option of adapting to three.

From this core, further units could be tacked on whenever

The result is a planning system which liberates the architect from the arditous task of ealenlating how much space should be allocated to each department, and makes the complexities of hospital design intimidating for the uninitiated. Most Nucleus hos pitals are designed by private sector architects and for some is their first foray into this area of practice.

The success of the system lies in its simplicity. The primary element is a cruciform clinica "template" of about 1,000sq m which can be divided in a variety of ways to meet the differing needs of single or groups of departments. The form was the result of research into which standard shapes would be most suited to various applications and the relationships of depart-ments to establish their ideal proximity to each other. Departments are linked horizontally by a 3m wide hospita corridor and vertically by lifts and ramps. The second element is the service and industrial areas, which vary to fit in most conveniently with each hospital The programme provides an expanding kit which can be rejigged to sult the site and

In its first applications Nucleus undereut alternative hospital planning systems by as much as II per cent, and although this margin now averages 7 percent, the savingo up to six years in the flanning and design stages if used straign off the peg produces a persuasiv argument in the programme' favour. Savings are made in fees paid to consultants, initial capital costs, running costs and of expensive and scarce project

Nucleus was originally resources became available, so tended for the construction that ultimately a district general new hospitals with the addition

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while being stylish, attractive and under site", explains Bill Bruce. "It's just so much into the bargain. It's tailor made."

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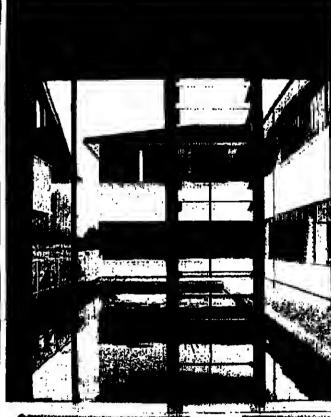
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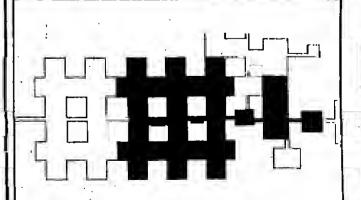
for a hospital the architect has to ings seen as a sideline. Now its go to interminable meetings on upplication as part of phased who needs what and how much. The advantage of Nucleus is development has taken the that, if you are prepared to put leading role and research is up with its discipline, you have time to choose the material and eing carried out into its viaoility for satellite units to care, for example, for the old or mentally ill. This would mean shape it. The time you save on planning you spend on other things as, for example, what I

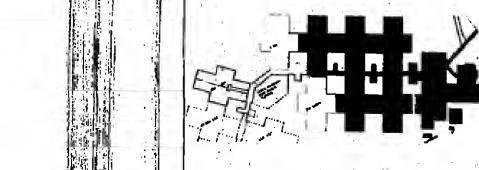
call real design." Nucleus is not closed to The first Nucleus hospital alterations, but the planning and exemplar of the system -was Maidstone District General Hospital, designed by Powell Moya & Partners, Sir Philip advantages of the programme:

system allows the architect time to consider the architectural qualities of the building and how to complement other features of



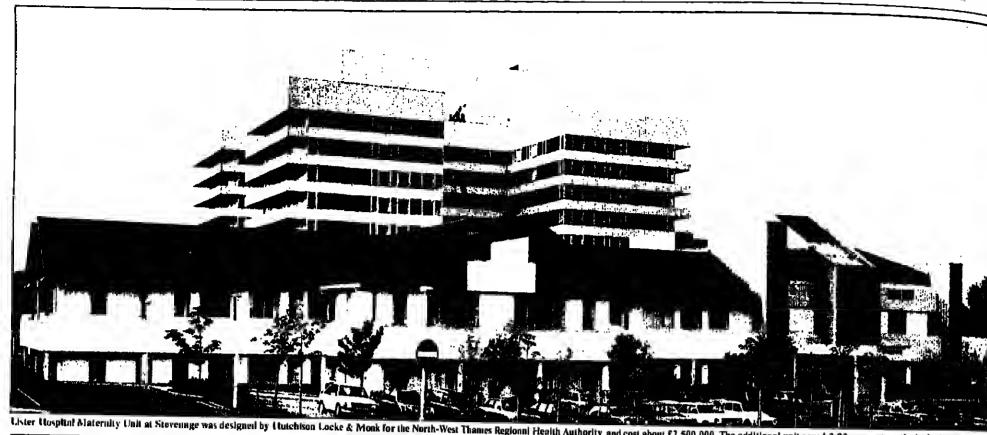
Powell Moya & Partners designed Maidstone hospital for the South-East Thames Regional Health Authority and the Department of Health & Social Security. Cost: £10,832,000.

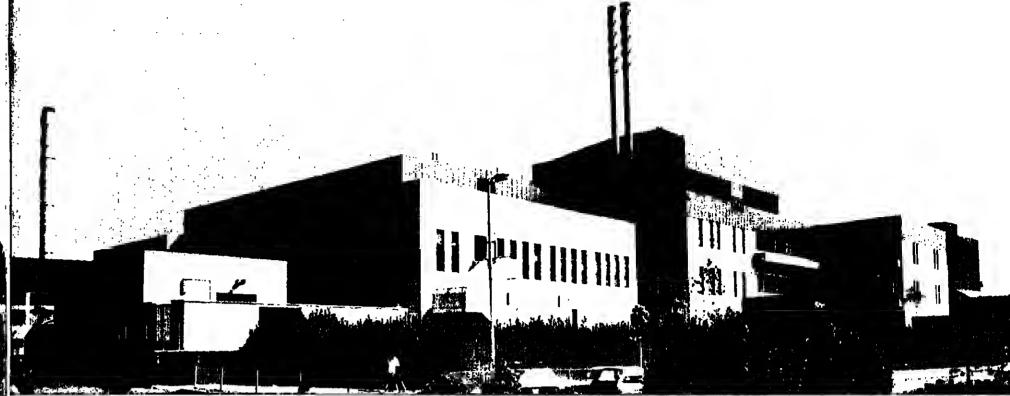




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111

Treating the cuts

the environment. It does not as predicted, encourage a drab, uniform hospital type to spring up throughout the country. If anything, the data pack enables more thoughtful aesthetic treatment.

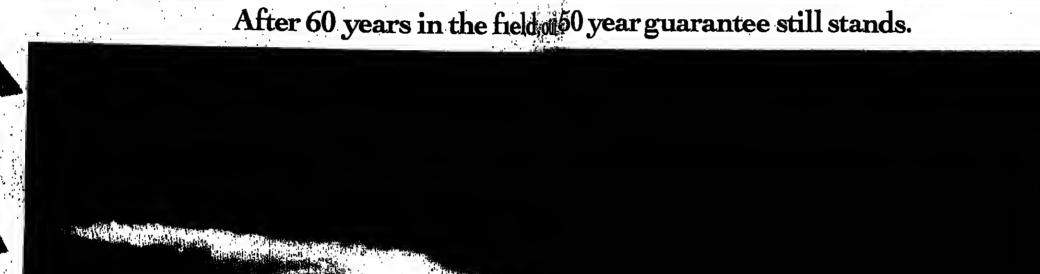
The 200-bed St Mary's hospital in Newport on the Isle of Wight, designed by Ahrends Burton & Koralck, is also destined to slash fuel bills.

regions did not want Nucleus foisted on them in the beginning because they thought either plans would be compromised or the requirements of shape and size would make it impressible to make a decent building out of it." The practice's latest Nucleus project, in Ashington, North-

umberland, is quite different in form from Maidstone and is

Although the practice has deviated from the Nucleus model in some details, partner Richard Burton explains that is not apecifically for energy-

"Nucleus is a pretty good system in terms of energy concerns, it is naturally vent-



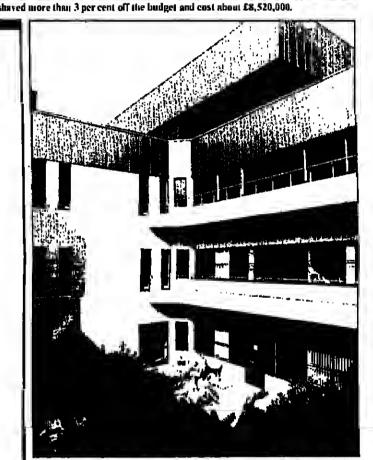
guillagign wave donn in the country of the parameter of an order extra progressional and a remise turn of parameters as a livery bean outsplour to second only to our concern for the anomal of the country of the count

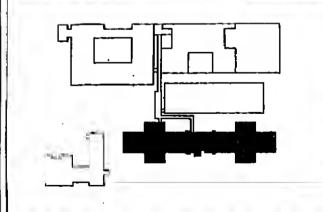
nough, to prove that they do. In addition, Marley files are, upported by a technical advisory vice is the regionsed as the best in the business. It is a first sed to halp you in yours.

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ilated on the outside and arti-licially on the inside, with an should be carried out into whether there should be more extract in the middle. It starts off insulation in the ground floor in quite well. There is quite a lot of certain ground conditions, such cxternal wall area, so you get light and air easily. All the things you would do for good house-keeping in a design are not constrained by Nucleus to any great extent." as where there is water close to the slab.

Hutchison Locke & Monk were the first architects to use

The ABK design has placed the wards on the second storcy, incressed the insulation and added double-glazing and special ventilation to discourage opening of windows in the winter, and electrically operated doors to minimise air movement. Although Burton is about 60 percent of the practice optimistic about the efficiency of Nucleus, he believes research workload given over to hospital continued page 30

Nucleus as a tack-on addition to an existing hospital. The total contract time for the Lister Hospital Maternity Unit at Stevenage for the North-West Thames Regional Health

centinued paga 30



Designed by the Weish Liculth Technical Services Organisation for the Weish Health Common Services Agency, the Morriston Hospital in Swansen was finished ofter 45 months in August 1984. The total cost was about £9,435,000 and

Treating the cuts

design, Delafosse says: "We ore using Nucleus more and more, There is e lot more time for the elevations and the interiors." Delafusse edmits that there

cen be difficulties in edding on units if the site is constrained, end envisages problems if the template system is used with smell units: "Nucleus can be made to work, but it requires a localised plant room for each template. This would meen a lot of plant for a small area, which

The system has not been without its problems. The Medical Architecture Research Unit of the Polytechnic of North London has investigated its success at the Newhant, East Surrey end Countess of Chester hospitals. The verdict: "Good in

John Keliy of MARU seys: "If it is chosen corefully in the context of local needs and the infrastructure that is already there it works well. But there are inherent limitations, for ex-

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departments fall foul of "tem-plate tyranny", forced into areas to which they might not be best-

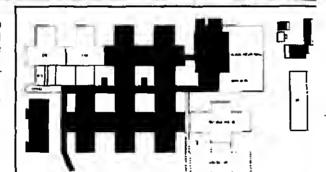
suited.
The Nucleus design does produce some odd bedfellows, says Kelly - "the operating department is squeezed in with medical stell eccommodation." Inevitably, some of the ealc-

ulations of how much space would be needed for a particular function over what period of time went slightly awry, For example, et Newham hospital the noministration was seen as a "soft" erea into which the X-ray emple, paring back ancillary department could expand as it obsolete.



was already too constrained end the administration hed to be removed carly on. But with on annual budget of

£400,000 for resenreh and development end an in-house medical team to ensure that feedback is positive and the DHSS is confident that Nucleus will accommodate new practices in medical eare and not become

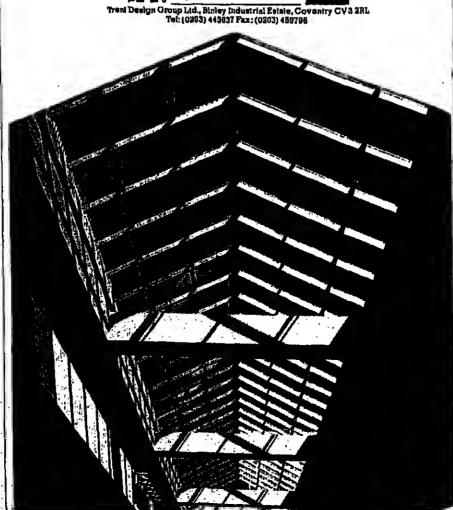


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The arrangement of the words to one area where YRM left the Nucleus brief.

Variation on a theme

three obstetric wards with 84

beds, a delivery suite and special

ear unit, two 24-bed geriatrie

wards, an oncology word, edult dey-care ward and en eight-bed intensive eare unit. The out petient facilities are designed to

cope with up to 120 patients in a

three-hour period. The depart-ment includes a fracture clinic,

consultation suites, X-ray fecili-

ties end four operating theatres,

This is backed up by extensive

service provision and a separate education block to the north of

The £16 million design

sophisticated services is catered

the 5.5ha site.

he staff to see them.

leus planning system has been sell in many hospitals, some of which the DHSS would not acknowledge as Nucleus designs.

The Homerton District Geneml Hospital in Hackney, cast London, is a "Nueleus-besed" hospital rather then the stendord design. While the architects have benefited from some of the time sovings of the Nucleus datapack, they have not been limited by some of its design constraints, Designed by YRM Architects & Planners with YRM Interiors, the 444-bed hospitel opened its doors to the first patients a few weeks ego. It was commissioned by the North East Thames Regional Health Authority in February 1978 and started on site in June 1982.

made up of four reinforced concrete steel structures, clad in Although the building con-forms to the spatial require-ments of Nucleus, the errangewerm yellow brickwork and topped with pitched roofs of blue-bleck slates. A network of ment of beds and departments has been adapted. Homerton is not based on a ltospilal "streel". for within the ceiling voids and but a series of reclangular roof spaces. The architects have used landscaping around the four main buildings and inclupavilions made up of four Lshaped wards and linked to form a square court. An access ded window boxes and pergolas corridor bisects this to leave two to achieve a domestic and smaller courtyards. In the wards homely an appeal as possible. the architects have depar-ted from the Nucleus standard the Victorian Eastern Hospital of having beds perallel to the nnd borrows elements such as

arranged on the perpendicular. This makes it easier for patients covered walkways to achieve continuity in the new design. These have been used to support to see out of the windows end for The hospital includes nine wards of 28 adult neute beds,

There is some scope for expansion within the hospital and the site allows space for new buildings to be added.

The rectangular profilers are made up of four L-shaped wards.

NOTHING

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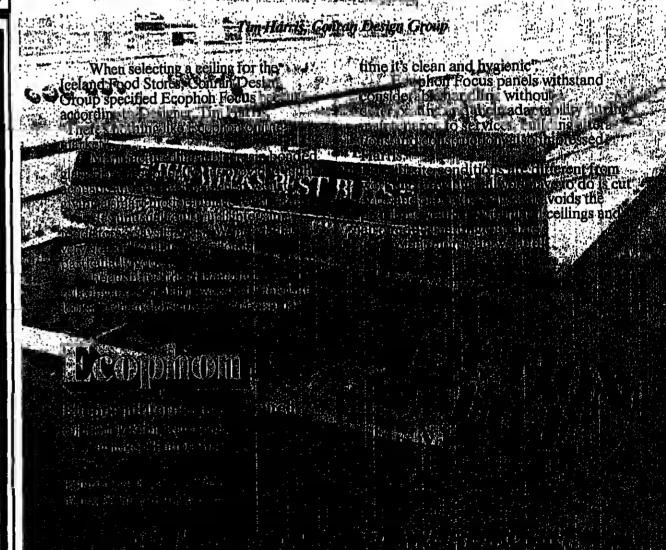
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graphics follows fashion as far

as technology allows. According to Lansdown there has

been a recent increase intextures

and aerial perspective views.

although the most common image, which everyone does at

least once, remains a teapot.

Faces are rarely seen because

they are difficult to model. Of

the new developments, the

improved quality of the simulated photograph is the most

significant. One inevitable con-

sequence is that the photograph

will lose its status as evidence in

court. The method of latering

photographs by computer has been perfected to such a extent

What we call images are among the most ambiguous. elusive and multiforious phonomena. The means available for approaching and discussing them are equally varied. Those discussed include pictures, pictorial instructions, signs, gestures, donce notation, computer graphics, images in film, descriptive and narrative images in literature, optical illusions and configurations that do not

When we look at images, the most fundamental events, cxplained Horace Barlow, occur on the level of individual cells in the brain. Responses are highly specialised, with single cells reacting to, say, a degree of thickness, darkness, hue, brillionee, speed, direction. Most experiments dealing with an nttempt to locate precisely the populations of cells or individual cells which demonstrate these specific responses linve been done with monkeys.

David Perrett's experiments at St Andrew's lead to the conclusion that whole populations of cells many respond to a generalised image such as a face, whereas partienlar cells will automatically react to familiar faces. Groups of cells in the monkey's brain respond to the directions of the movement of humans in the laboratory, such as reaching for objects, tearing a piece of paper, turning around, leaving the room.

The responses are very particular. An empty trolley being pushed out of a room elicits no sponse whatever, whereas a trolley bearing a person on top eell activity. The necessary condition of the experiment is that the visual stimulus must be in some way relevant to the owner of the brain celis: in this case, the monkey.

The physical mechanism of seeing, the eye and the brain, delermines what we see. The mechanism and its processes have clear limitations. They allow us, for instance, to experience visual illusions even though we know perfectly well that we are being tricked.

Richard Gregory explained this phenomenon by distinguishing between perception and conception. Of these two ways of apprehending the world, he compared the first to a small nputer of limited intelligence with which we confront our aurroundings, and which at ench instance allows us to survive for a few minutes by responding ap-propriately to the input from the environment. The more complex conceptuol knowledge is applied to longer term strategies but eannot override the constracy of the initiol impact of the illusion,



Computer-generated teapot with photograph of a window mapped onto its surface. Produced by Information International, the image involved the colinboration of Joe Spencer, Joho Whitnoy, Martin Newell, Gary Demos Malcolm Macmillan and Jim Blinn.

THE ELUSIVE REALITY

Jasia Reichardt reports on tha "Understanding Imagas" symposium sponsored by Tha Rank Prize Funds, attended by neurologists, philosophers, historians, novalists and computer scientists.

construction of visual sequen-

ces. If you generally believe

that an image may be worth

1,000 words, several arguments

were put forward to the con-

trary. David Lodge explained

how much easier it might be to

convince someone that s given character is o beautiful woman if

much more difficult it is to

comment on what she is think-

Jonathan Miller had always

claimed that a verbal descrip-

visually than a visual image. For

instance, "an ungoinly figure

propelled as if ejected like a bullet — the importance of his

mission proclaimed by the

shining proboscus twitching

with uncontrollable excite-

ment", is easier to imagine than

to depict. Translate this from

tion may be more evocati

even though it makes us aware of , rather than a third party. As with language, images have two stages. The equivalent the illusion's existence. Another such discrepancy in the mechanism is expressed by our to naming in language is the inability to see figure and ground introduction of a visual element; the equivalent of stringing words in a sentence is the

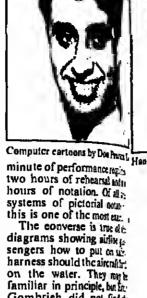
When R N Shepard drew a conventional hallustrade in which the spaces in between were occupied by a series of identical nudes, he demonstrsted the impossibility of focussing on both images at once — it was possible either to see the architectural structure or the girls. A more common example character is obeautiful woman if verbal to visual image and you dance is to be staged again. It is a tapes at his side. Of all the of this is a vase whose outline is one shows her on film, but how lose. Description and narrotive laborious process. A single diagrams presented by differ. made of two profiles. Again, one looks at the profiles and the vase in turn, but not simultaneously

Colin Blakemore showed the inverted face of a woman who appeared to be smiling. When her face was turned the right way up, the smile emerged as an ugly combined the reading of an inverted face with a shape that would be a smile had the face been the right way up.

Most classic illusions are statie and can sometimes be resolved with the introduction of movement. Horace Barlow demonstrated this with a cut-out triangle patterned with random dots which he placed on a background with the same random pattern. The triangle immediately disappeared, However, as soon as it was moved about, it once morcemergedasa triangle.

Illusions associated with movement have their own characteristics, Jonathan Miller, while talking about film discussed the factors which cohere to create an illusion, such as the spectator's share in supplying links within the discontinuity of shots which move from wide angle to close

Without sound any film appears to consist of staccato interruptions, but even with the accompaniment of sound eertain adjustments are necessary to give the final effect o continuity to a discussion on television. As the camera moves from one tolking head to another, with an occoaional establishing shot which relates the speakers to each other and the aetting, the congruence of eyelinea is necessary to convinc the viewer that the two heads are actually addressing one another



dasil and not unduly frighten-

familiar in principle, bair. Gombrich did not findt: pictures as helpful as theyra." need to be to enable him to be confident that he could be is

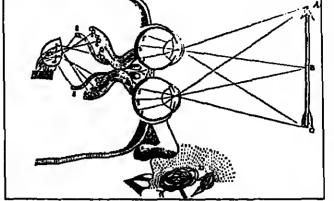
Hanna and Kirk Martinez: original photograph; cartoon; computer cartoon; carleature — beyond the computer remains the Diderot encycloairlines, only those of Lufthonsn seemed to him to be adequate in pedia.

ing in their implications. In general, pictorial instruction is rather outdated and the deaf can communicate with comparatively rore, with the each other in sign language, Don notable exception of some Peorson was limited in the American department stores where every tie is still sold with a him by transmitting the signals sheet of diagrams showing how down a telephone cable. In the to tie a Windsor knot or a bow, course of his experiments, he The problem of pictorial instruction is where description must end and instruction begin. Gombrich thought that the general features of a face, in line great classic of the genre still

How little visual information is enough? To establish a televisual system through which degree of resolution available to developed a system of producing computer-generated cartoons which can capture the with black in-fill, as adequately cesses, it appears not to produce

as any human cartoonist. camera scans the face, moking an electronic representation of valleys on the surface whose luminance is then translated

A significant way in which toons differ from those by artists is that they are much more difficult to decipher when the image is reversed with white lines on black background. Although this particular scanning system may surpress in its efficiency the cartoonists' pro-



Descartes' view of the coordination of the senses, from his L'Homme.

distortion equally.

Computers still have surprises to offer. Daniel Dennett thought that in the same way the telescope and the microscope have extended our possibilities to see, the computer has extended our possibilities to think. Slowing down its processes so that each step of its operations is visible on the screen ollows one to watch the logical sequence of steps in every tronsaction. Visually these are the byproducts of the process itself. The two major areas of

an image that will survive computer images are: computer using the computer; the computer vision - mimicking what the eye does when it sees image. The first involves manipulation of visual data either generated or processed through the compuer. The second involves an nterpretation of visual stimuli from the external world.

Modelling sequences of events with computer graphics ond animating them can produce surprises. Andrew Witkin has generated images which are ndowed with the properties of the materials they simulate: rubber, wire, clay etc. By applying forces to these simulated materials one can see how they would behave within the imposed constraints. Given that the materials and the rules are defined, it is still not always possible to predict how a acries of elements will combine in the process of construction of a

The architect, John Lansdown, who has been the moving spirit behind the development of computer graphics in England since the early 60s, discussed two principol methods: drawing pictures into the computer with a light pen, and modelling the image ond asking the computer to produce differ-

ent views of it or variations on it. One of the easiest ways to achieve spectacular results is to feed a photographed image into the computer and then to manipulate it in various ways. The range of interesting effects which can be applied to images includes slicing, textures, ahadowa, selective focus, and motion blurring. Technically the system is still in its infancy. Simple digital images have noticeably jagged edges alnce the requisite resolution to obviate them is not ovailable. Occasionally new leaps are made, such as the Mandelbrot. thanks to which it is possible to Renerate very convincing irregular landscapea, mountain ranges and plants. The cost of computer graphics of £1,000 per second makes it the most expensive wny of making anlmajed sequences. At the moment a alugle image takes obout one hour to erente and 25 images per second are needed for

that faked photographs are readily accessible Counterfeit photographs and visibly exaggerated emotions both belong to the visual world of effects. This also includes the repertoire of behaviour displayed by animals. Visual signs of threats and exaggerations in the animal world would do credit to any politicion. If the growling and the grimacing of one animal elieits flight in nnother, the first one soonlearns that it might be enough to bare the teeth soundlessly. John Krebs orgued that in due course the threatened animal becomes

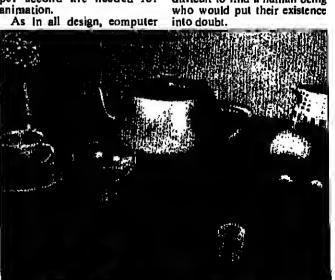
gerotedly aggressive behaviour of the first one starts once again. Sometimes the display can be very approximate, as in the case the six-eyed jumping spider, With a series of drawn geometric ahopes, Michael Land elicited a purposeful response from the pider, which immediately tried to devour them. Another shape which consisted of a circle with six legs provoked the spider to proceed to mate with it.

"sales resistant" and the exag-

Humans are also subject to being taken in by approximate displays. Peter Bull discussed structure in a rhetorical apeech designed to elicit well-timed

The most paradoxical images are those whose aubicets do not exist, even though we have no problems in making their representations. In this context Nelson Goodman referred to eentaurs and unicorns. Centaurs exist in the real world as mages but not as subjects, as indeed does Don Quixote and Aliee, whose portraits are legion. The least concrete of all the images in the world, Goodman claims, are the pictures in the mind. They are, as he put it: "invisible, intangible, and alto-gether insensible". But paradoxes do not end there. Afterall, a pieture of a picture of nothing Is still a picture of something and o picture of a picture of a horse is not a horse.

To date no research has been reported that deals with individual cells in the brain whose tosk concelts of the imagination. Their reality may be paradoxical and intangible, but it would be difficult to find a human being



This table-top setting appears in film in which the viewer floats around and through the objects. Jim Blinn, Frank Crow and Gary Domos arothrecofthe 10 parlicipants involved. These and other leapots were discussed by John Lansdown in his talk on computer graphics.

INSURANCE ISN'T THE ONLY THING THAT MAKES DERBIGUM ROOFING SUPERIOR...

in literature follow different sets

of rules then they do on film and

that is why David Lodge clnims

that the best novelado not innke

A similar distance may be felt

between dance notation and the

dance itself. Moniea Parker

described the system of Benesh

dance movement notation which

allows any dance to be repeated

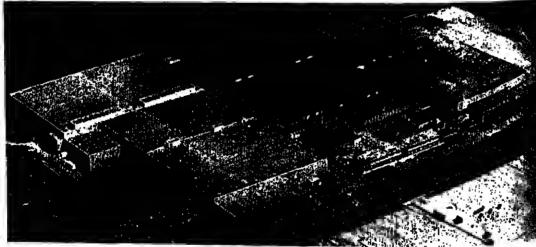
in the smallest detail. The

notator or choreologist records

every position and reads it back

to the dancers as and when the

the best films.



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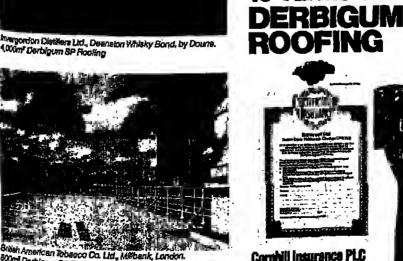
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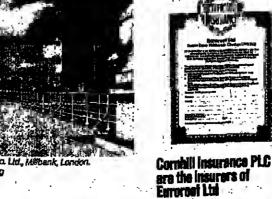
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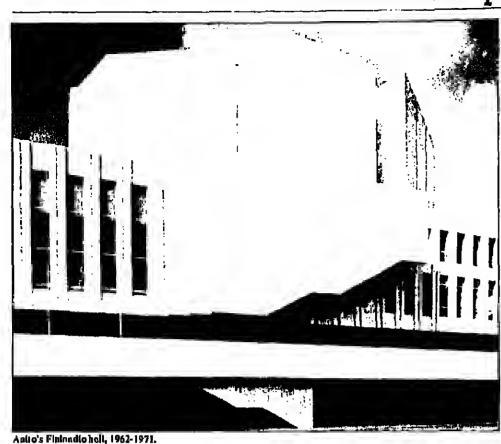




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Brian Walters reports from Helsinki on a recent competition for the development of part of the inner city.

which called for filling in a bay that extends into the heart of the city. Much has happened since, but the wedge of land which even then had the splendid city railway terminus at its head remains the subject of much

Finland's capital is a rela-

4. Design Liability in the Construc

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AS long ago as 1916, a plan for Greater Helsinki was proposed by Eliel Saarinen, which called for filling in a lime when the country was under Czarist domination, but its most famous recent construclion is the Finlandia congress centre and concert hall designed by Alvar Anko. Completed in 1975, the Fin-

landia hall has been maintained in excellent condition. It lies within the Kamppi-Täälönlahti quarter, which includes the "wedge" mentioned previously.
Most photographs show the
Finlandia hall with its faende reflected in the tranquil waters of the bay - none show the rnilway freight yard which actually faces the building!

This was to have been removed many years ago, but it remains an eyesore which all agree must go, although there is less agreement as to what should take its place. To stimulate some action in the matter, the city recently held a competition which was open to prchitects Ihroughout Senndinnvin.

the place of the rallway rub. Evidently most of the 18 enins in the event there was no have appreciated the advertige outright winner. The selection of retnining the "wedge" BU committee, with the mnyor usits upen purkland leading to the heart of the city. Some boards. chairman, finally selected three equal winners, with some other have agreed with Stations cutrles receiving commendaproposal to fill inthe bay so the tions of one sort or mather. Entrants had been asked to put forward ideas for the nren, which could fit in with the overnil city development plan. and it is interesting in note that several followed some of the ideas proposed by Suarlnen 70

The planned extension of the bay past the Finlandia building

buildings at the water's edge opposite the Finlandia site, and a major road on the east side of the bayentering the city -a relie of the 1916 plan. Although visually attractive, this does pose some technical problems as the rock is in poor condition and wouldbe difficult to seal against water seepage.

Clearly the presence of it:

Finlandia building (soon te

share the waterside pail sith

new opera house), was a mije

influence on all participate

the competition. But oils

important factors had to ke

considered; the railway states,

the nearby bus station and the

the north follows the counted

Saarinen's plan called ima

long, brosd avenucover itthis

nrea, with blocks of building

lending off on both sides, whit

Anito wented a square to the

new buildings could features

One of the winning come

one side of the wedge.

Jan Söderlund's "Avoin Sydan 11" fcatures a series of low buildings opening out north-wards from the main railway station; an hotel, offices, a museum and a lheatre not detracting from the elegant lines of the Finlandia building.

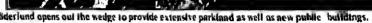
"Pro Finlandia 1", submitted hy Arto Sipinen, also largely retains the wedge as a park area, but the pian includes an interesting plazza which would extend from the present parllament building, to a new struc-ture of equal height to the east. The rather sombre parliament building might be considered by some to be too imposing. Indeed its architect, J S Siren, originally proposed that It should be one of a series of

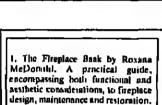
None of the prizewinners have proposed large buildings near the parliament, but some have allempted to provide gardens or other features to improve its approaches; some (including the "Pro Finlandia I" plan) would place the main road which runs by the Parliament underground.

Sipinen's plan also includes an underground bus station on the site of the present facility; a nearby railway culting would be buried, however, to provide more building sites.

It is unlikely that any major steps will be taken to implement any of the ideas arising from this competition in the near future. The present schedule calls for the ideas from each of the three prize winners to be incorporated into a new development plan which will be outlined next year. The development of the wedge is compliented by the fact that some of the land (the railway yard for example) is owned by the government. So it will be necessary to get the approval of several authorities before extensive work can begin,







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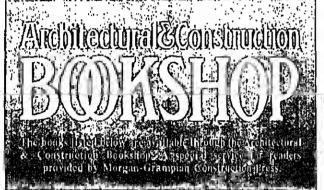
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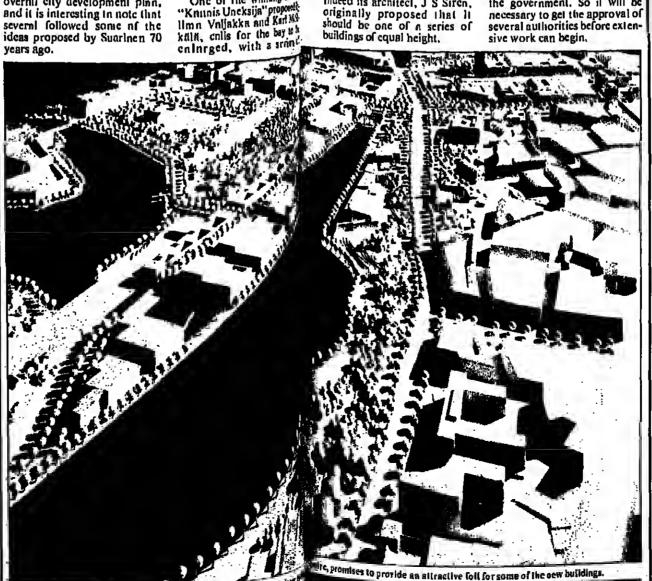
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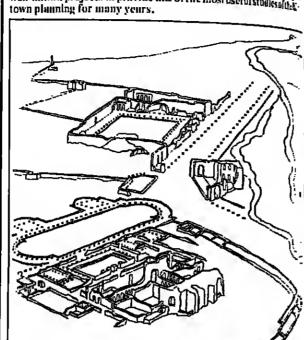
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Yet this is very my personal account, and its atta

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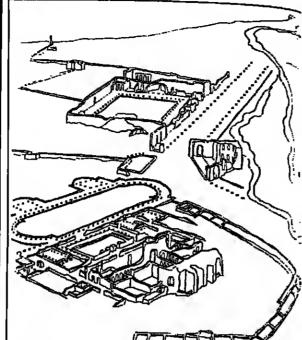
Row, California, with and

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Lepeis Magna, sketch of the central district



Temple of Venus at Baatbek, probably c third century AD.

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BY HENRY HAVERSTOCK

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and silo dreams

By Brian Hatton

A coacrete Atlantis - US industrial building and Europeon Modern architecture, by Peter Reyner Bunhaut (MIT Press, £16.50).

EVER since his Theory and design in the first machine age, Reyner Bnithum has been telling how, in the modern period of rapid technical innovation, nrchilects have lurned to advanced industrial and engineering models in order to derive and ratify radical ideas about form and society.

But while doing so they have repeatedly misunderstood the practical motivations and met-hods of their mentors, mistaking symbol for substance, and by the ime the architects bave assimilated these models to their own platonic culture of the "timeless laws of form", the engineers and industriallats have usually and novel shapes.

Architecture, in Banham's icw, has become a transitional henomenon between innovaindustrial archeology. tion and obsolescence, and if the documentary bistory to build in the real world they iences inspired the book in that of living in Buffelt, the veritable Rome of North Age will have to run hard to keep up with the technologists. This attitude has provided a theoreti-cal (or at least rhetorical) support to the generation of hitech designers who have risen to prominence on the lightweight boosters of Buckminster Fuller

and the aerospace programme. But times move on, and even he cpochal theme of innovation itself has become hoary, while obsolescence — what a recent book called "dead tech" — was his encounter on Cash was his encounter on Cash and the contract of the called "dead tech" — was his encounter on Cash and the called "dead tech "dead acquires its own charms. Banham has proved amenable to trial ruin that embodied platonic essences of their kinds: the skeletal cares these charms, and his last book, Scenes from American deserts, kinds: the skeletal, cond him wandering around and endless grid of the dose the wildernesses and wastes beyond civilisation's progresaiveedge with as much progresaivc edge with as much nostalgla silo.

Here it seemed, was the His new book resumes at these themes, including the harely suppressed nostalgalate finds its sites amid the maaboriginal Ur-model ("orc" in English) for the structural dialectic of Corbusier's new order of architecture: the "Apollonic" orthogonal grid of made wildernesses of America decnying industrial con-Among their deserted milket point supports, and the "Dio-nysian" dance among them of the plastic, curving wall of the free plan. Except, of course, that abnadonedsilos hediscovenite poignant ruins of a lost fene the "concrete Atlantis" class the curving walls of the elevators world whose utopian promis was more a creature of the themselves were anything but was one of those points where imnginations of Europea Corbusier cheated and tried to Modernists thanof the practic have it both ways; for it was his ousinessmen and engineers to principal claim in his Reminders As a European settled a America, Banhamis sensition to architects (which he illustrated with elevator photos) that

"the American engineers over-whelm with their calculations hoth the myth and the realige those licroic structures of Asour expiring architecture", With the surefootedness of a seasoned guide (except where he first time in history that a me steps through the rotting timurchitectural idea had be propugated by means of the graphy) so inspired Europas bers of a remote elevator wharf and nearly breaks a leg), Banham takes us on a tour among the backwoods and byways of ndustrial America which were buch, Corbusier's Vers fe. in fact the heartlands of a Architecture, and Moise (63 technical progress that, Banham claims, has been virtually overburg's Sill 'I Epokha. Realis that these concrete talance looked by metropolitan archihave been taken for granted. Modernist historians, Bunk Here we encounter Ernest scis out to trace both symba substance, to describe

Ransome, developer of the concrete-framed factory, Lockwood & Green, authors of the superb Buffalo Larkin RST building—12storeysof consum-mate concrete detailing and long enough to load entire goods trains on the four parallel tracks that run therush in account that run through its ground level. We re-examine the remains of Ford's Old Shop by Albert Kahn, and wander among the heroic works of elevator pioneers such as Max Toltz, steel forerunner, and Haglin, who invented the classic ivey and Charles

concrete silo in Minneapolis. Amid all this, Banham does not withhold from his personal accounts an elegiac note, as of encountering the awesome ruins of lost civilisation, redolent in the very names of the Buffalo hulks - Connecting & Terminal, Washburn-Crosby, Kellog, Cargill Electric, Cargill Superior, Lake & Rail, marine A, and, most stupendous of them all, Concrete Central. Of the much photographed and published Washburn-Crosby (the fulfilment, Mendelsohn Wrole home from his visit in dreams"), Banham makes the remarkable claim that it may be standards of most advanced American factories of the time, such as the widespan single-storey sheds adopted by Kahnat Fords' new River Rouge plant, the Linguito plant was, on the remarkable claim that it may well be the most internationally

influential work of building ever erected in the New World. In examining this influence

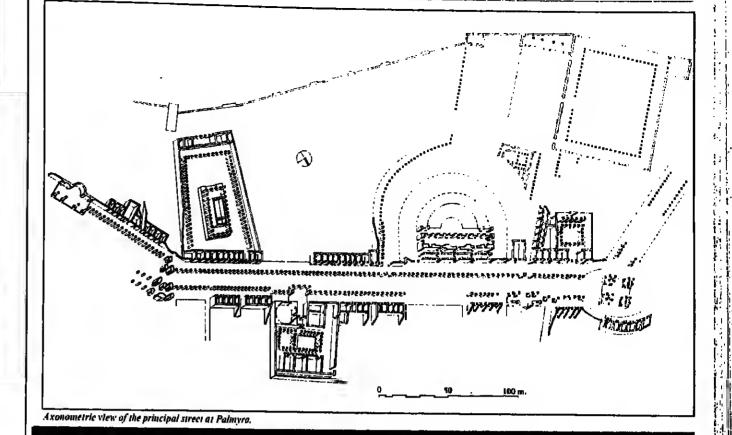
Books

Banham explores two gaps in the Modern Movement's ideological foundations. First, the merican industrial building, which was certainly rational but only in a conservative practical, and empirical way and the myth of the super rational engineer created by the European Modernists at long range and by way of grainy photographs. In this myth the distant siloa and factories were projected as arising from the native and natural genius of a new kind of noble savage.

Here, following the theories Willehelm Worringer, the new spirit of artless but absolute calculation coincided, like meeting of opposite extremes with that of primitive man's urge to abstruction, the exemplar of which was the Egyptian pyra-mid. Worringer wrote in his book on Egyptian art: "What you regard as the ultimate metaphysicofform is merely the Americanism which otherwise you so much despise."

The aecond gap was between rationality and the modernists actual buildings, Banham n visits the Fagus factory and the Fiat Lingotto car plant to compare them with the American examples. At Fagus, he find all kinds of non-utilitarlan architectural sophistications that Ransome would never have dreamt of including in the factory he designed for United Shoe Machinery Company at Beverley, Massachusetts, which was the company that leased the patients to Karl Benscheidt for Fagus, and which he visite before hiring Gropius.

Finally, at Lingotto, that ultimate expression of Ameri camania, Banham tries to settle the conflict between his own emotional reactions to a structure that, while absolutely stunning as a symbol and vision of a new cultural order - a vision to which Banham gives full scope in finishing his book with a translation of Edoardo Persico's intoxicating and poetic encomlum of the factory of 1927 the Lingotto plant was, on the day of its opening, obsolete.

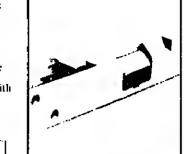




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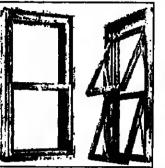
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CLARK Instruments has introduced the Type 1002 electric lock release staple for use with many types of mortice-mounted spring locks. In an emergency, keyless release is possible by solenoid operation. Microswitch sensing is available from both the solenoid and the holt to indicate the state of the lock when used with the state of the lock when used with



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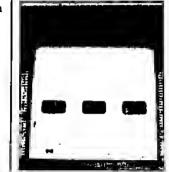
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Office furniture

SHEER Pride has introduced a new range of metal office furnisme — Matchpoint. This range comprises desks, mobile pedestals and tables of all types from coffee in conference. Wire managemen anti-static recessed handles and solid and durable surfaces for electronic equipment are all features of the Matchpoint

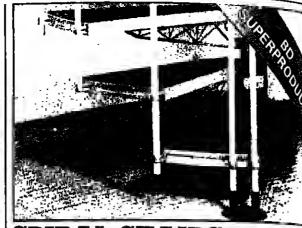


Industrial doors



HENDERSON Doors has announced its new British-made K40 slideover door. Constructed from foam-filled steel-skinned panels, which are free from therma bridges throughout their entire length, these doors have a U-value of 0.42. They are light to operate due to counterbulancing by torsion springs and are available in a wide range of colour and finish

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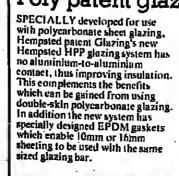


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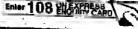
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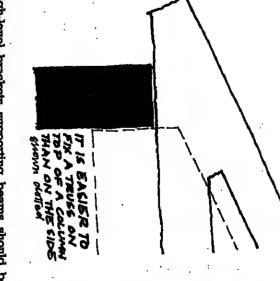


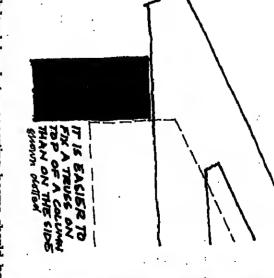
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Monday — Wednesday Recent developments in fire detection and suppression, seminar organised by Univ Ed. Venue: University of Edinburgh. Details: 031-667 1011 [ext 6742].

Tuesday Approaches to the new museum, cture by Colin Amery, nrchirectural correspondent fo Venue: Reynnlds Room, Royal Academy of Arts, Burlington House, Piceadilly, London WI Details: RAA, 01-734 9052.

Desk-top micros in energy conservation, a "hands-on" enurse for technical officers in local authorities.

Venue: Computer Centre, Polytechnie of the South Bank, Borough Road, London SEI OAA. Cost: £55 except to members of the local authority energy service who enn deduct 25 per een Detalls: Centre for Energy Studies,

Arctle elty: enverett townships in cold climates, lecture by Derek

Until November 20 Travels in Graham Greene country. Venue: Francis Kyle Gollery, 9 Maddox Street, London WIR 9LE. Open 10am to 6pm weekdays, Saturday 11am to 5pm. Details: 01-499 6870.

Venue: The Huntingdon Centre, The Vineyards, The Patogon, Both BA | 5NA, 6. | 5-8pm.

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Venue; RIBA, 66 Portland Place, London WI. Details: RIBA, 01-580 5533.

Tuesday Professional indemnity and itoblity, practice evening organised by the Glasgow Institute of Architects. Venue: Royal Scottish Automobile Club. Blyttswood Squore

Details: M. Piggot, 041-332 7030.

organised by the Materials Science ommittee of the Institute of Venue: Bristol Polytechnic, Bristol. Detalls: Juliet Upton, 01-839 4071.

London's underground upgraded lunchtime seminar organised by DIA. Speaker is Mike Stollery. Venue: Griffin Rooms, 49 Pelham Street, London SW7. 12.15pm. Detoils: Nell Chamberlain, 01-940

Wednesday
Quality assurance — the
implications for health & safety at
work, seminar organised by the
CIBSE Lighting Division.
Cost: £15 plus VAT for CIBSE
members, £20 for non-members. Details: CIBSE Conference Department, 01-675 5211.

De-suburbanisation, lecture by John Burrell of Burrell Foley Associates, Venue: The Polytechnic of Central London, Marylebone Road, London W1. 6.15pm. Detolls: Len Harris or Lowrence Revill, 01-225 1234 Jext 3270 or Detalls: 01-839 8000.

Expert systems for construction and

vervices engineering, seminar organised by the Construction

Industry Cumputing Association and BSRIA Computer Centre.

Venue: Conference Strite, Baden

Detolls: CICA, Guiklimii Place,

Thursday
The hand that draws, lecture hy

School of Architecture, line

Centre, Notte Street, Plymouth, Devon PLY 2AR.

Lecture by Peter Rice of Ove Artip

Repartners.
Venue: Meeting room at the
Linnean Society, Burlington
House, Piceadilly, London W1.
Cost: £1.50, concessions £1.
Details: RAA 01-734 9052.

The conservation of medieval

Venue: Burwalls House, Leigh

Department of Extra-Mural

cs, (02721 303620.

Exhibitions

November 10-29 Bulk-up areas; urban londscape

Detalls: (0704) 33133.

November 10-25

rom the Arts Council collection. Venue: Atkinson Art Gullery,

Woterfront, exhibition of young

people's work concerned with the visual relationship between

buildings and water. Venue: RIBA, 66 Portland Place,

Timber in architecture, exhibition

Detalls: RIBA, 01-580 5533.

November 12-December 3

Venue: Design Centre, 28 Hayntarket, London SW1

Architecture, Oslo.

organised by the Museum of

church monuments, seminar

Woods, Bristol. Cost: £12.95. Detalls: Bernard Lune,

Alan Phillips.
Venue: White Box lecture theatre,

Powell House, Kensington,

Cambridge CB2 3QQ.

Details: (0752) 264645.

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Pointings and their content: Nicola Poussin - Venus and Mercun Venue: Dulwich Picture Galler

Coming soon

Venue: Struthelyde University, Exhibition Gallery, Department of Architecture and Indiding Science. Detalls: Dag Mork Hales, Cansul General, 031-226 5701. November 12-December 19 CAD Microcompulers und design. 87 Clarence Street, Kingam-ope Thames, Surrey KTI IPB. Rell-546 7555.

Metalwork and Jewellery, by
Alistair McCallum.
Venue: Crafts Council shop at the Victoria & Alben Museum Sar Kensington, London SW7 Detalls: 01-589 5070.

Until November 28 Site visits: images of the budge; process, exhibition of the draw. and watercolours by Bou Are nward winner, Tabatha Sama Venue: The Building Crote Gallery, 26 Store Street, London WC 1E 7DT.

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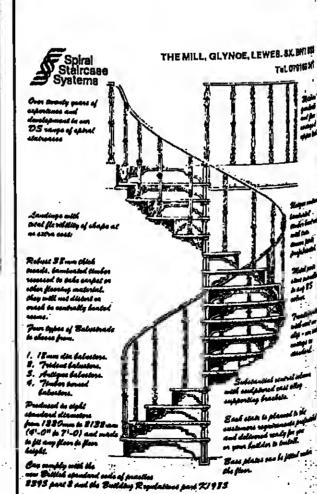
Until November 29 Exhibition of recent paining h Martin MeGing. Venue: Curwen Gallery, 4 Windmill Street, Charlott Mass London WI. Tuesday-Fnday 10am-6pm, Saturday I landon Closed Sundays and Monday Detalls: Curwen Gallery, 01 6%

Until November 29 Socksick, exhibition of his paintings, drawings, watercolors engravings and tapestries. Venua: Briton Gollery, Briton Details: Bruton Gallery (0745)

Until January I The Mobil design oward for seal firms, exhibition of entries Venue: The Design Centre, 28 Haymarket, London SWL

Until January 18 College Road, London SP217AD Details: 01-693 5254.

November 17 Quality assurance, one-day sents organised by the Building Mulmienance Cost Information Service of the RICS. Venue: Royal Institute of Chartered Surveyors, 12 Gra George Street, Parliament Span London SWI. Cost: 130 per delegate (plus V. 170 to subscribing members of Dulnilst Lindsny Pollen at Bak



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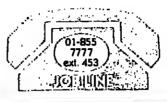
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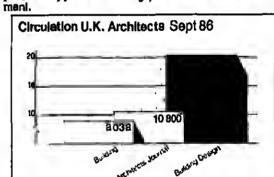
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